

# TEM DUST ANALYSIS M40543 004

Dies and Hile, LLP  
Settled Dust Samples

Client Sample ID: ASHAdmin 3

Sample Area/ Volume: 100 cm2  
Filter Type: MCE 47mm  
Pore size: 0.45  
Effective Filter Area: 1297  
Sample type: Dust  
Analysis type: Dust  
Grid Acceptance: YES 10 %

Date Analyzed: 10/4/2006  
Analyst: MAM  
Scope Number: 4  
Accelerating Voltage: 100 KV  
Indicated Mag: 25 KX  
Screen Mag: 20 KX  
Grid\_box: 7184, 7169, 7181, 7185

Str < 5um:	116	Number of grids:	2	#1: 101	#3: 103	Average Grid Size:	0.010200
Str ≥ 5um:	13	Number of openings:	4	#2: 100	#4: 100	Total Area Analyzed:	0.041
Total Str:	129						
Volume Filtered	2 ml	Str / sq ft	1.905E+09	Str / cm2	2.050E+06		
Dilution Factor	50	Str / sq ft ≥ 5	1.920E+08	Str / cm2 ≥ 5	2.066E+05		

Str#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
1	B10-C8	C	F	2.30	0.20	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2		C	M-B	3.30	0.20	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3		C	M-F	0.70	0.10	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4		C	M-F	0.70	0.10	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5		C	F	0.80	0.10	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6		C	F	0.80	0.10	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7		C	M-F	0.90	0.05	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8		C	M-F	3.50	0.10	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9		C	M-F	1.20	0.10	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10		C	M-F	1.60	0.10	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11		C	F	0.80	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12		C	F	1.80	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13		C	F	2.00	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

C - Chrysotile      NSD - No Structure Detected  
TR - Tremolite      F - Fiber  
CR - Crocidolite      B - Bundle  
AN - Anthophyllite      M - Matrix  
AC - Actinolite      C - Cluster

Str#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
14		C	F	1.30	0.50	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15		C	F	0.70	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16		C	F	1.80	0.20	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17		C	M-F	2.00	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18		C	M-F	7.00	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19		C	M-F	2.50	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20		C	F	0.80	0.05	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21		C	F	0.90	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22		C	F	1.30	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23		C	F	1.80	0.20	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24		C	F	2.10	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25		C	M-F	0.90	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26		C	M-F	3.00	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
27		C	M-F	2.30	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
28		C	F	6.00	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
29	H6	C	M-F	8.00	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30		C	F	3.70	0.10	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
31		C	F	1.30	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
32		C	F	2.00	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
33		C	F	1.40	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
34		C	F	3.30	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
35		C	B	7.00	0.80	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Str#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
36		C	M-F	1.70	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
37		C	M-F	1.60	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
38		C	F	2.00	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
39		C	F	5.50	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
40		C	M-F	9.00	0.10	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
41		C	F	5.60	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
42		C	M-F	0.90	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
43		C	F	3.00	0.20	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
44		C	M-F	2.40	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
45		C	F	3.70	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
46		C	M-F	1.30	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
47		C	F	0.80	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
48		C	M-F	2.00	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
49		C	M-F	0.80	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
50		C	F	0.90	0.10	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
51		C	F	0.80	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
52		C	F	1.50	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
53		C	F	0.90	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
54		C	M-F	1.60	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
55		C	M-F	2.00	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
56		C	F	3.50	0.20	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
57		C	F	1.60	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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58		C	M-F	2.00	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
59		C	M-B	4.00	0.40	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
60		C	M-F	1.60	0.05	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
61		C	M-F	1.30	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
62		C	M-F	1.70	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
63		C	M-F	7.00	0.20	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
64		C	M-F	6.30	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
65		C	F	1.80	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
66		C	F	1.60	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
67		C	F	1.60	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
68		C	M-F	2.00	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
69		C	F	3.00	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
70		C	F	2.00	0.05	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
71	B9-H6	C	F	0.60	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
72		C	M-F	1.70	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
73		C	M-F	0.70	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
74		C	M-F	3.60	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
75		C	M-F	0.90	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
76		C	M-F	1.60	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
77		C	F	1.60	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
78		C	M-F	1.70	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
79		C	F	1.40	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Str#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
80		C	F	4.00	0.05	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
81		C	B	2.00	0.30	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
82		C	M-F	5.00	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
83		C	M-F	1.40	0.50	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
84		C	F	1.60	0.20	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
85		C	F	3.70	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
86		C	F	3.60	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
87		C	F	0.70	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
88		C	F	1.80	0.20	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
89		C	M-F	0.90	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
90		C	M-F	2.00	0.10	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
91		C	M-F	1.60	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
92		C	F	1.70	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
93		C	M-F	1.70	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
94		C	M-F	1.30	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
95		C	F	1.20	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
96		C	M-B	1.80	0.20	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
97		C	F	7.20	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
98		C	F	1.50	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
99		C	F	4.00	0.20	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
100		C	F	0.90	0.10	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
101		C	F	1.80	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Str#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
102		C	M-F	4.50	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
103		C	F	1.00	0.50	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
104	E3	C	F	2.80	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
105		C	M-F	0.70	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
106		C	M-F	2.00	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
107		C	M-F	1.00	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
108		C	F	6.20	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
109		C	M-F	0.70	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
110		C	C-F	1.00	0.10	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
111		C	C-F	1.50	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
112		C	M-F	1.60	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
113		C	F	0.60	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
114		C	F	2.80	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
115		C	M-F	0.70	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
116		C	M-F	3.50	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
117		C	M-F	1.40	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
118		C	M-F	1.40	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
119		C	M-F	1.30	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
120		C	F	1.60	0.10	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
121		C	F	1.30	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
122		C	B	8.00	0.20	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
123		C	M-F	1.00	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

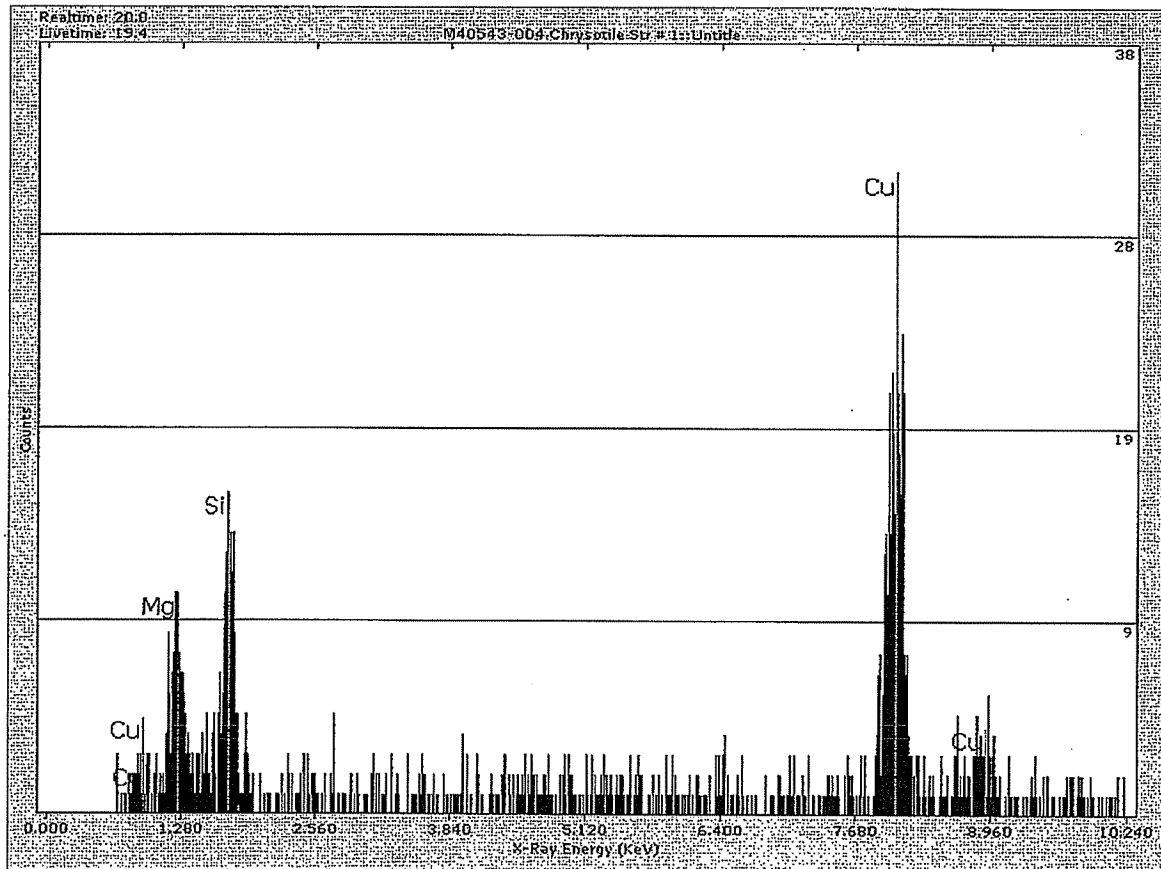
C - Chrysotile  
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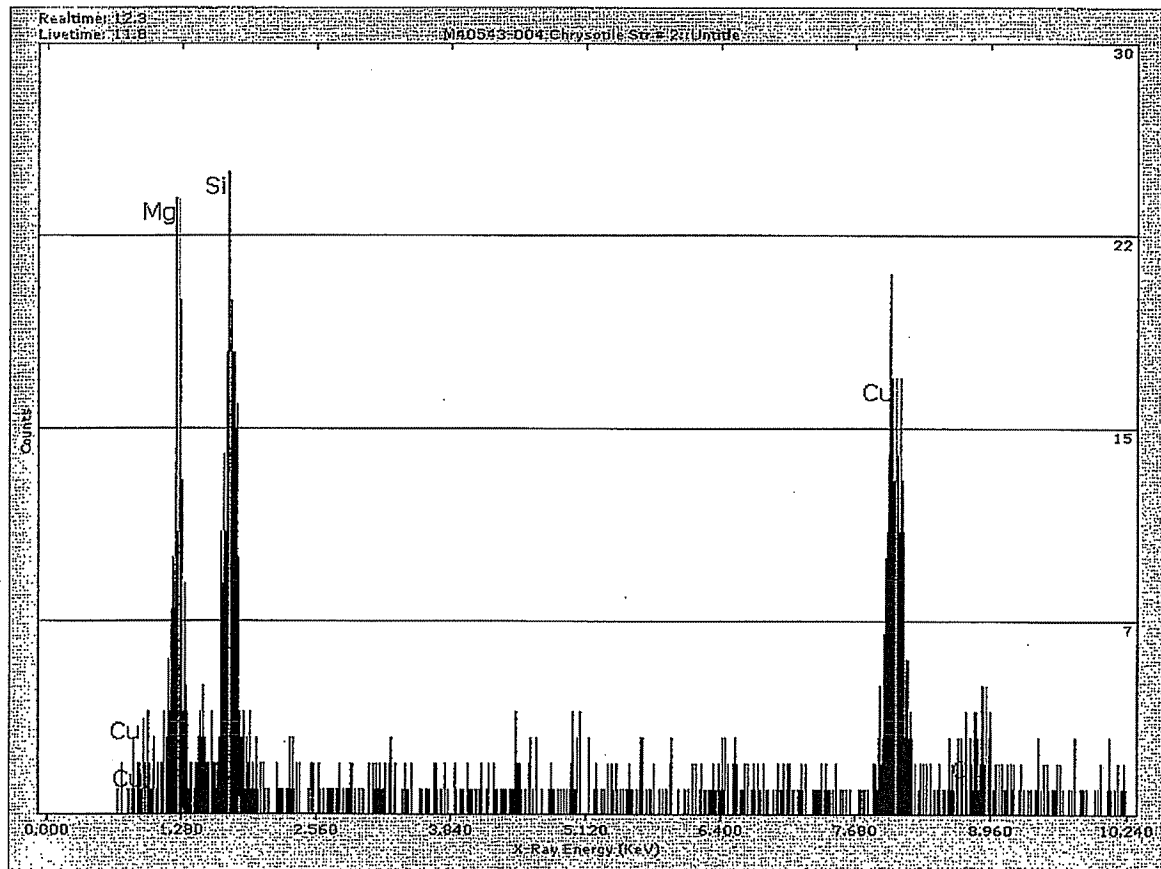
NSD - No Structure Detected  
 F - Fiber  
 B - Bundle  
 M - Matrix  
 C - Cluster

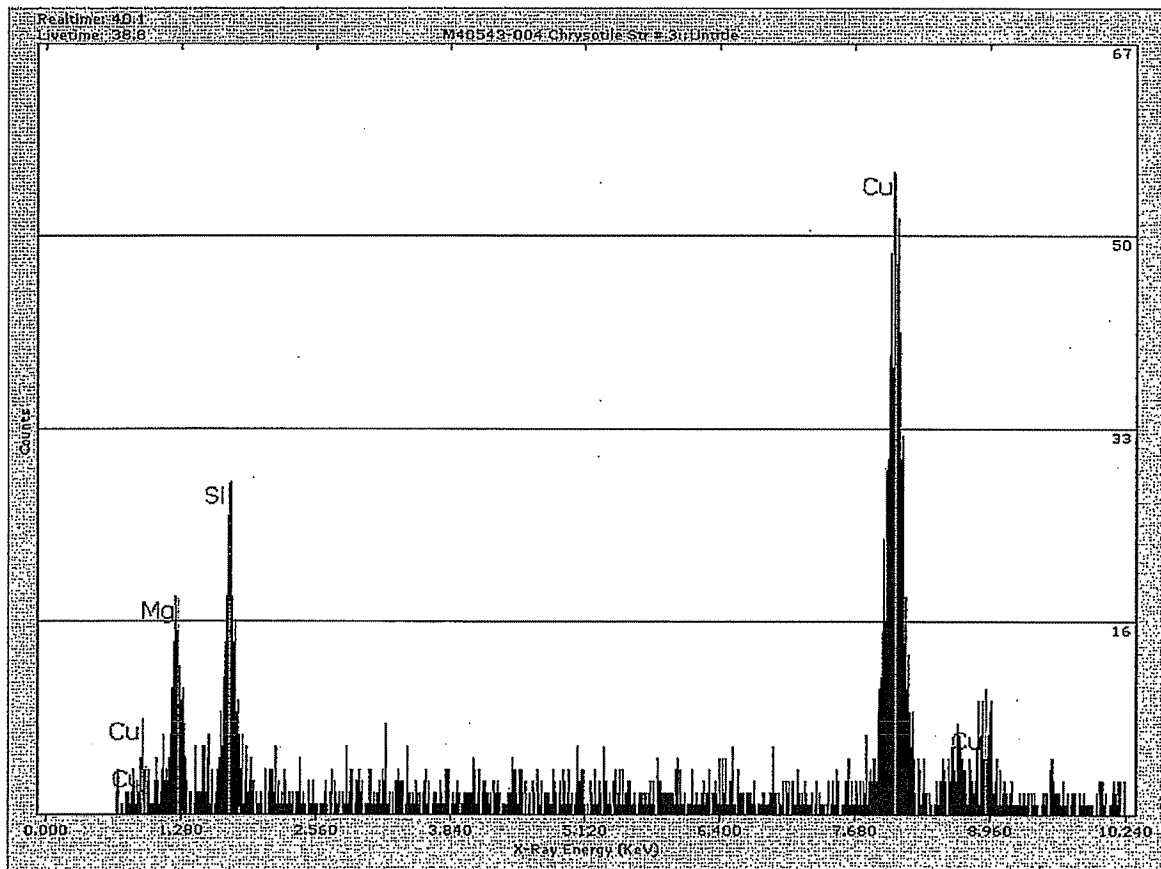
Surf#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
124		C	F	1.70	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
125		C	F	1.30	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
126		C	F	3.20	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
127		C	F	0.70	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
128		C	F	1.20	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
129		C	M-F	1.00	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
								<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
								<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
								<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
								<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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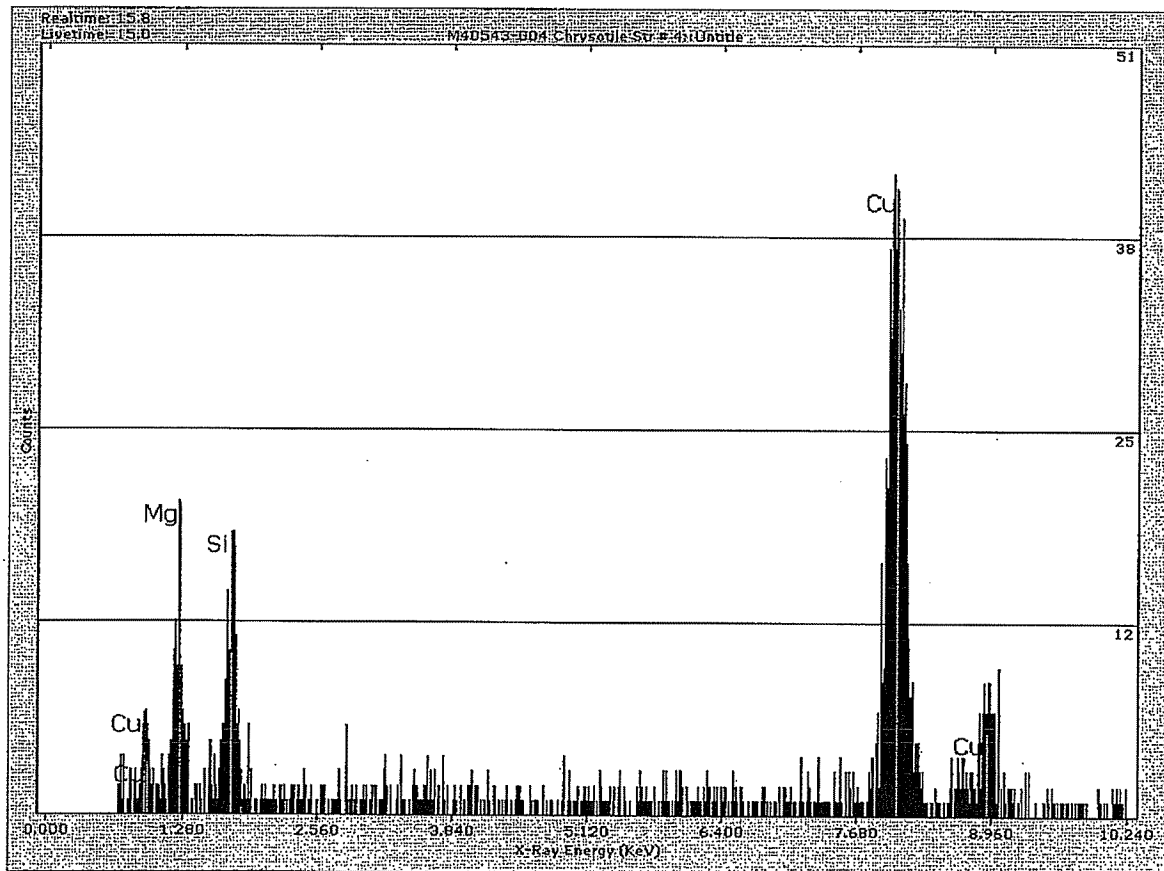
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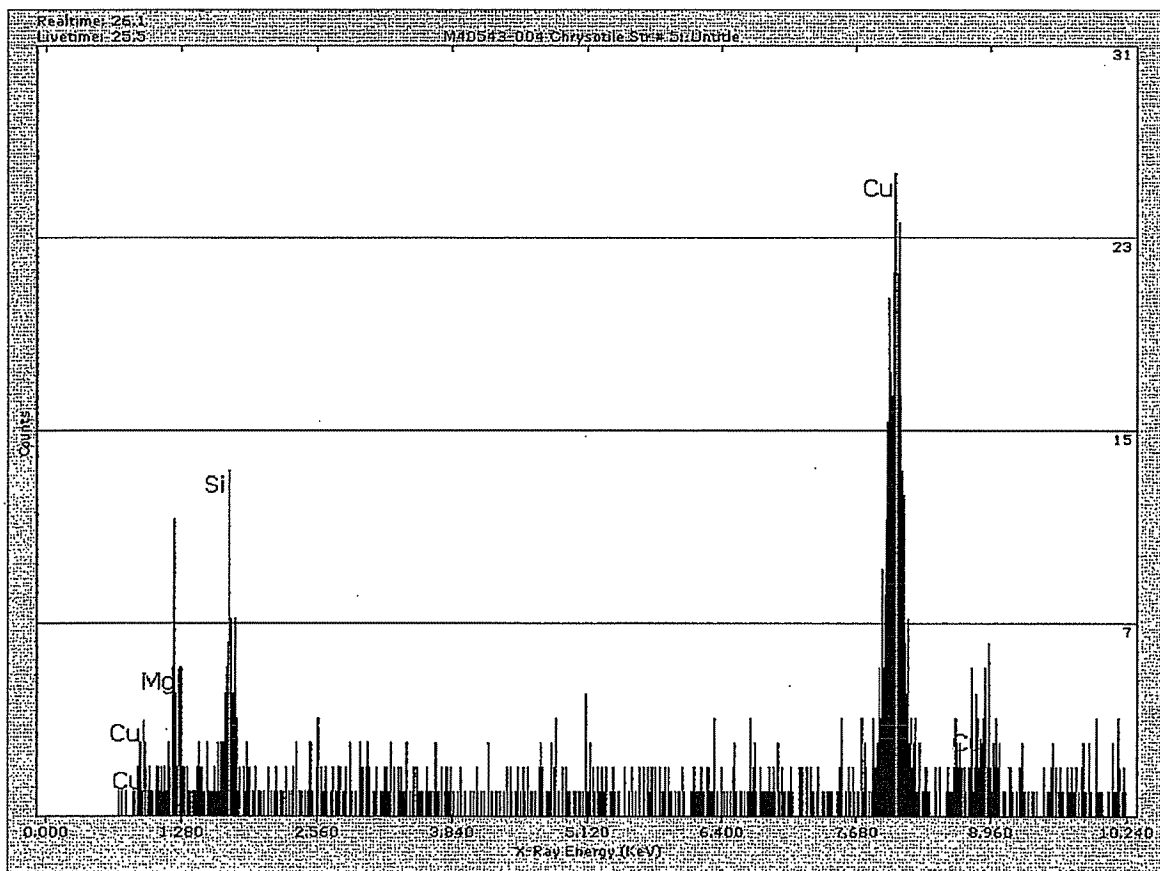


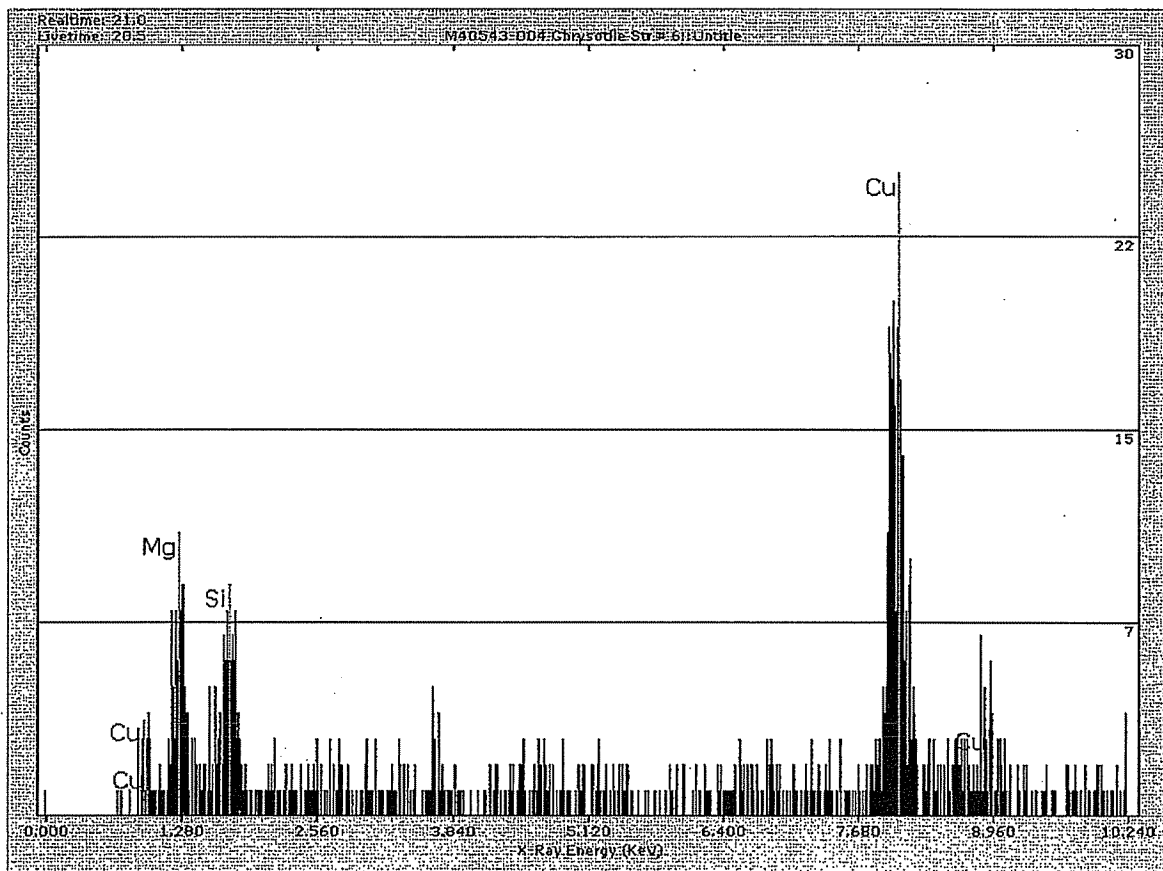


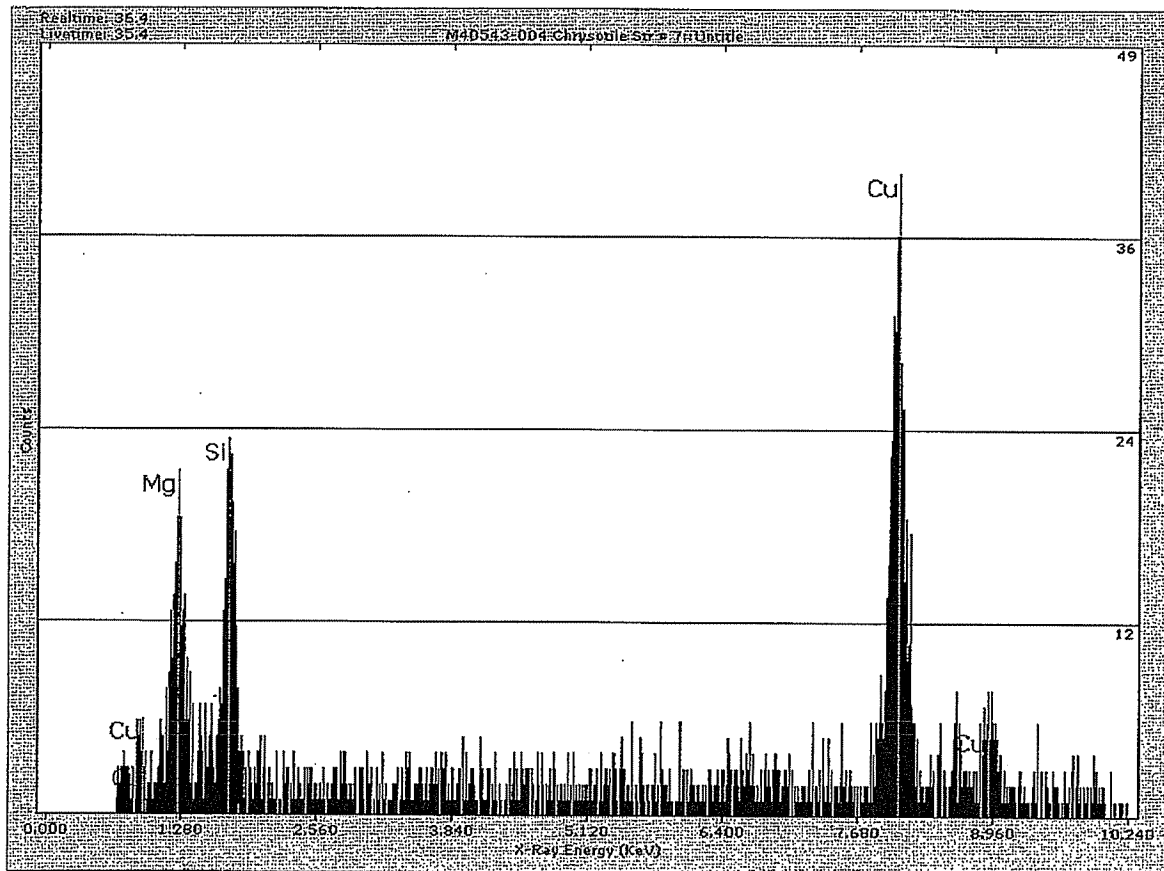


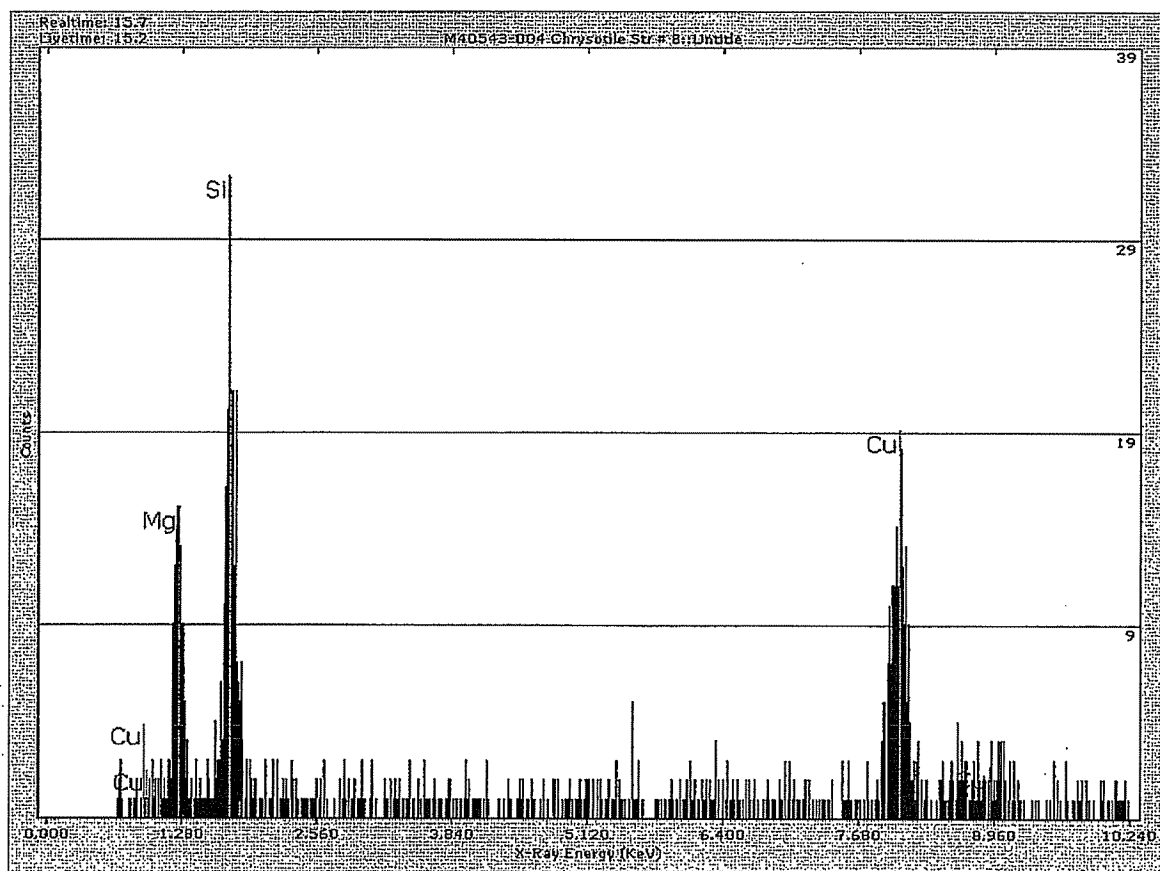


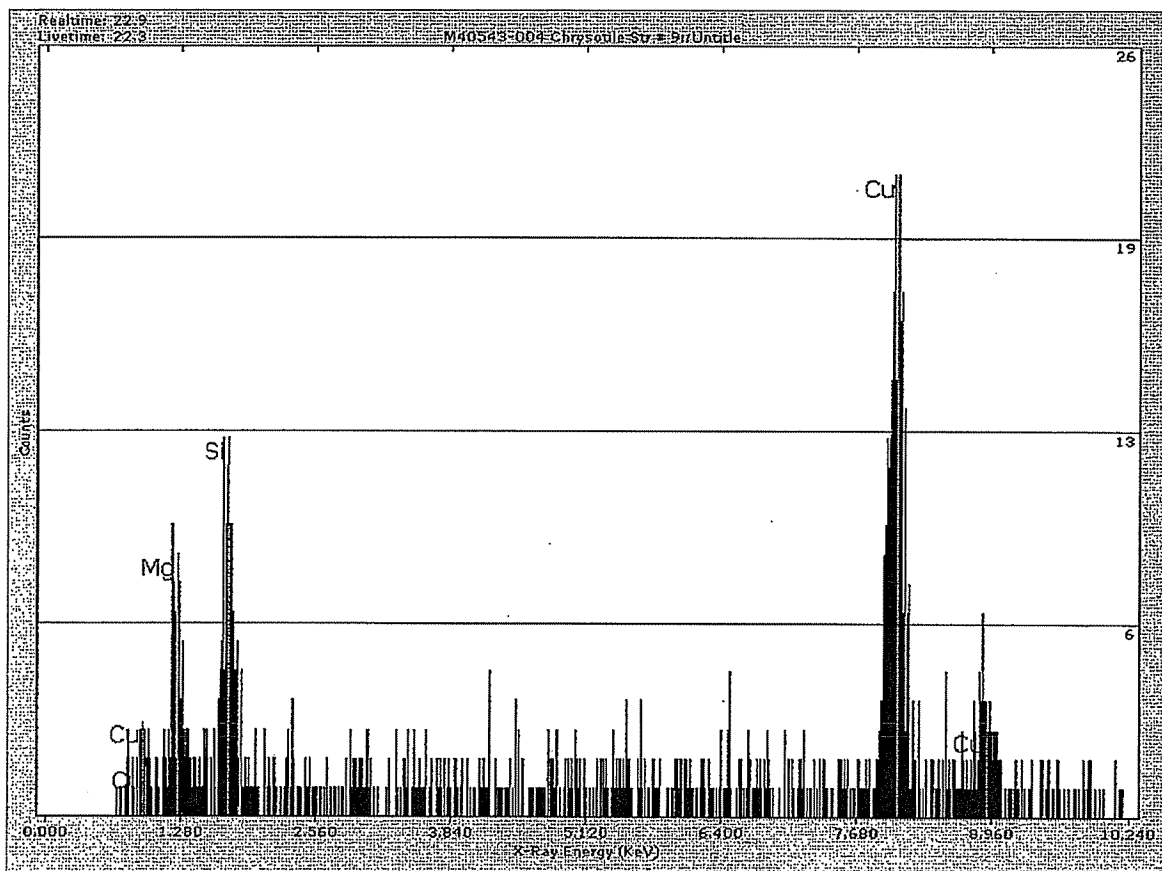


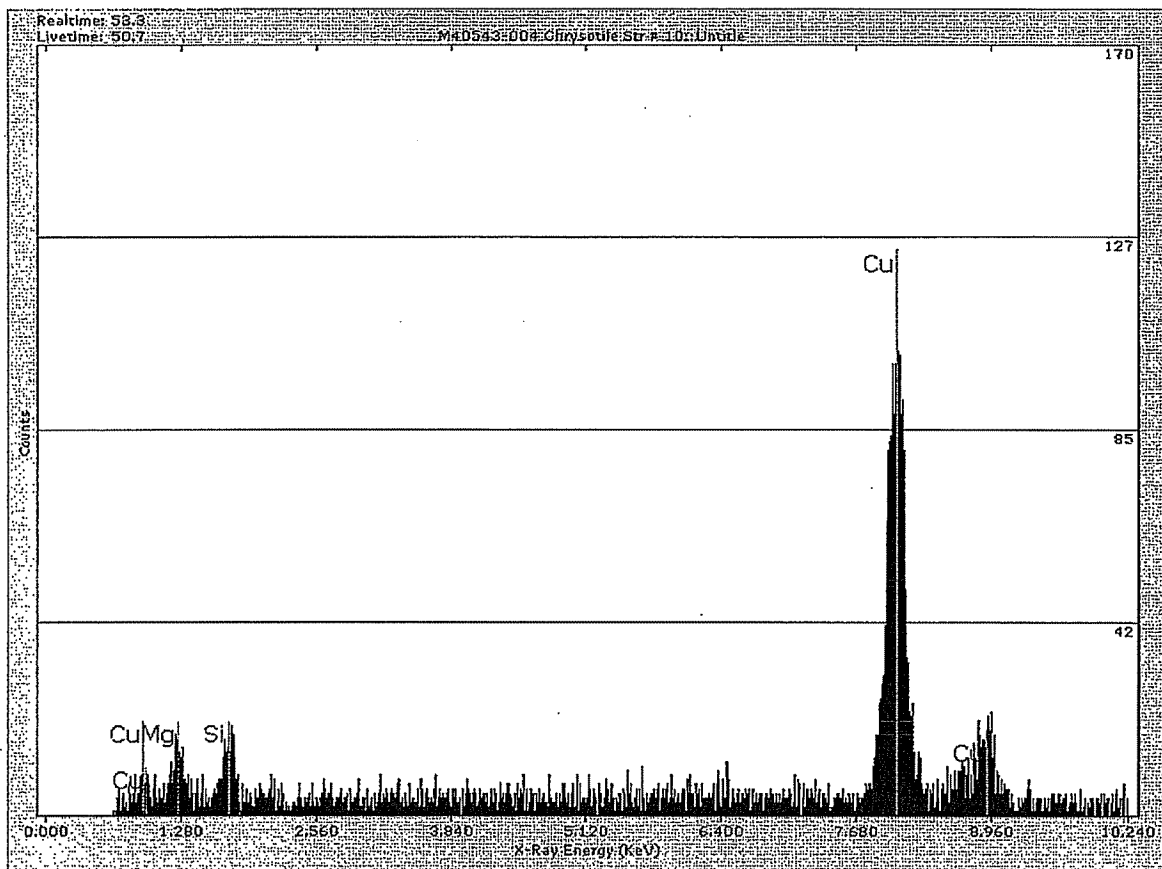


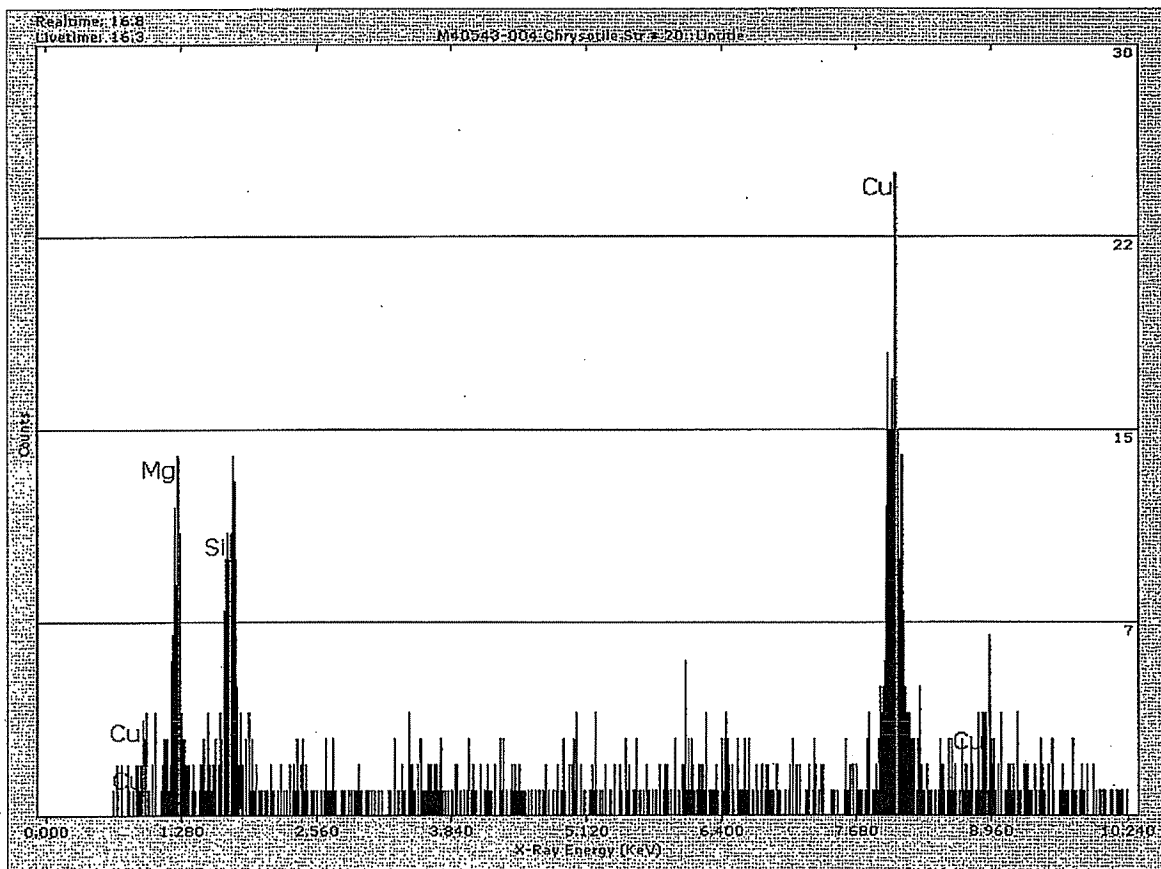




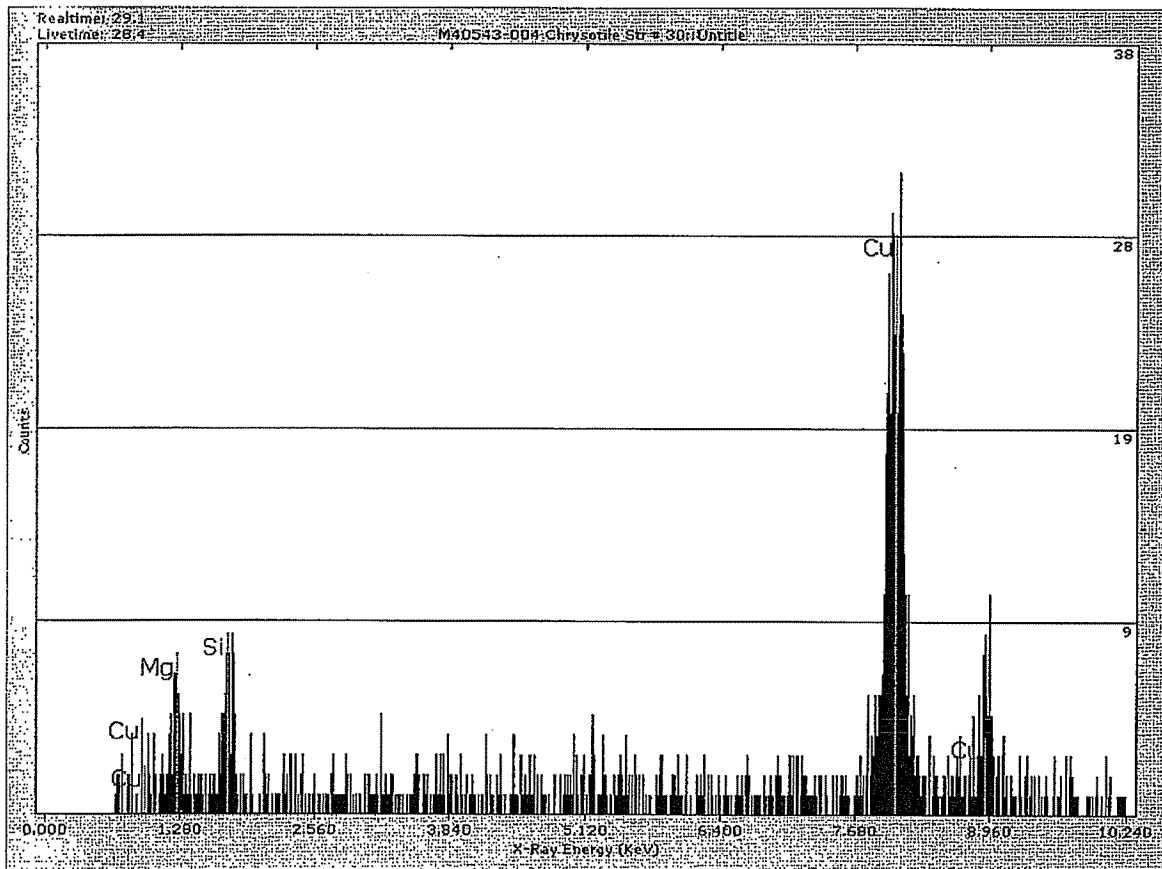


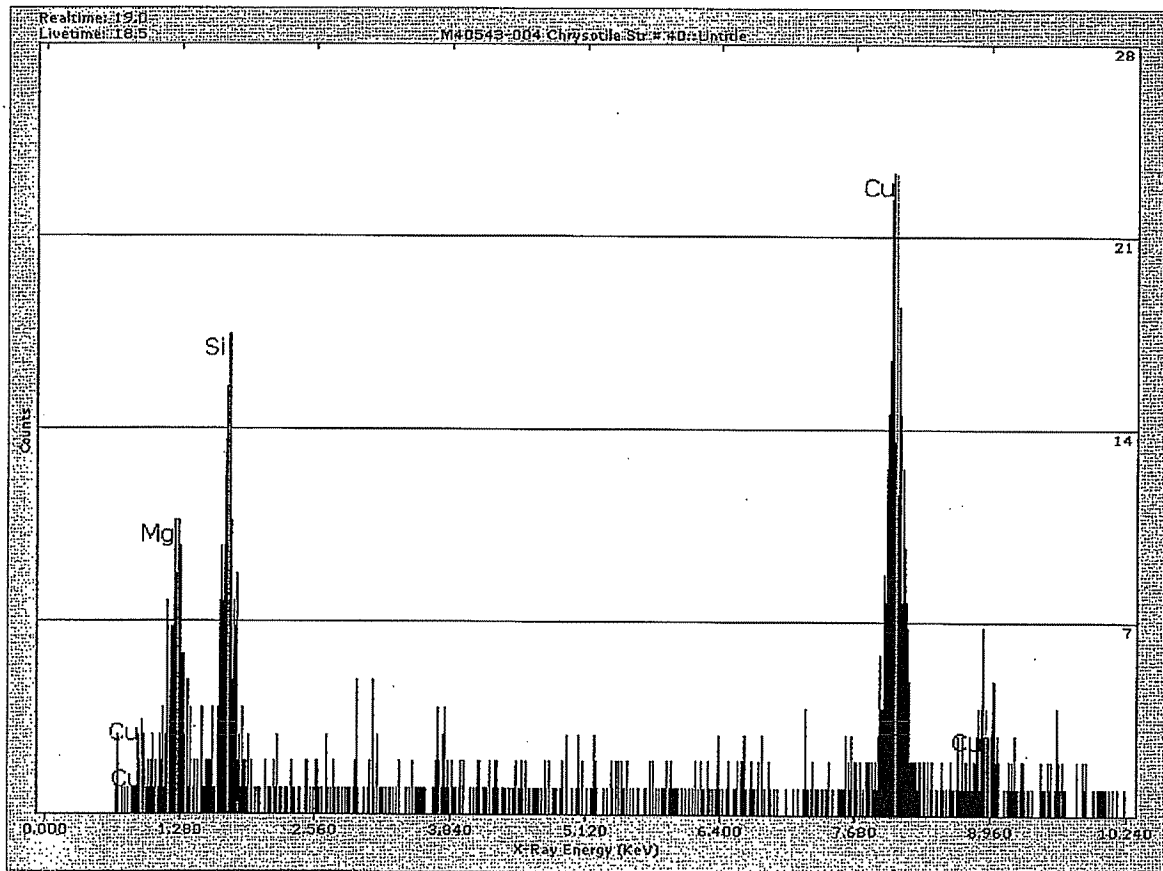


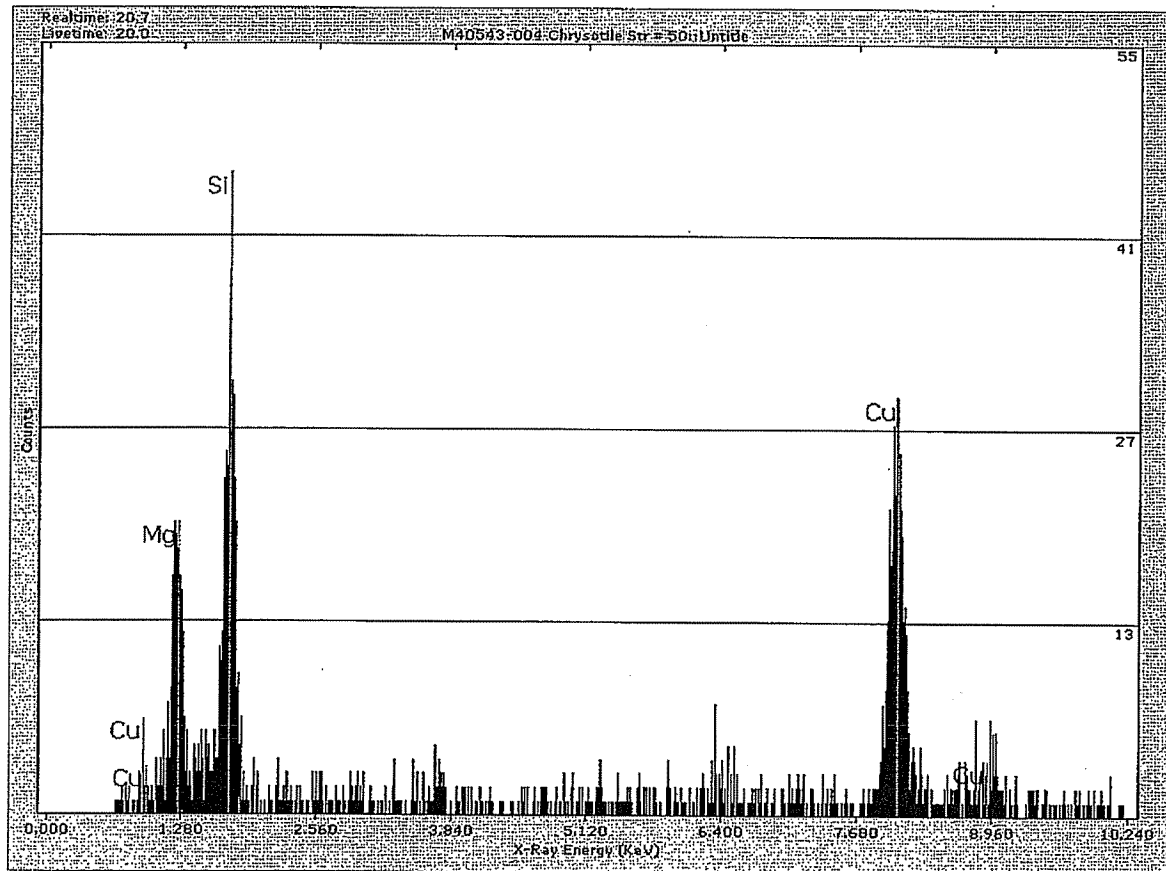


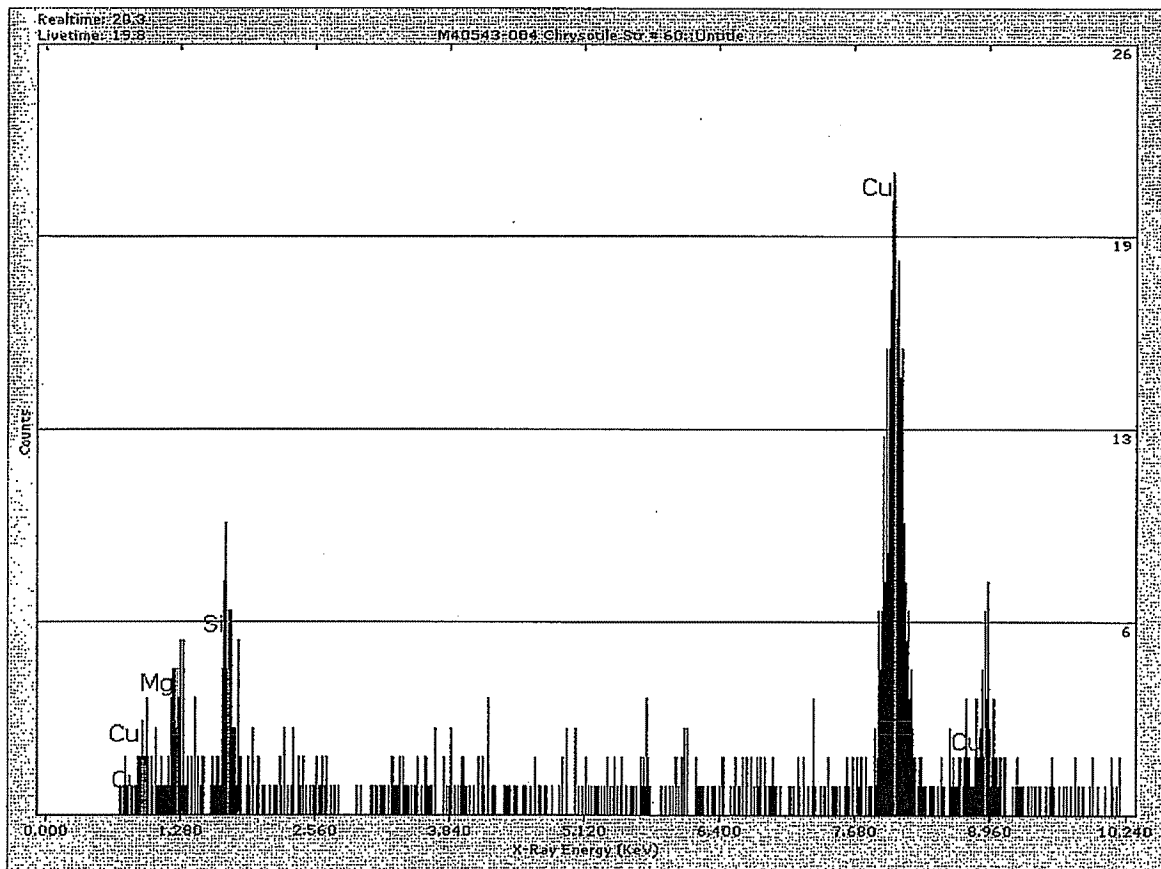


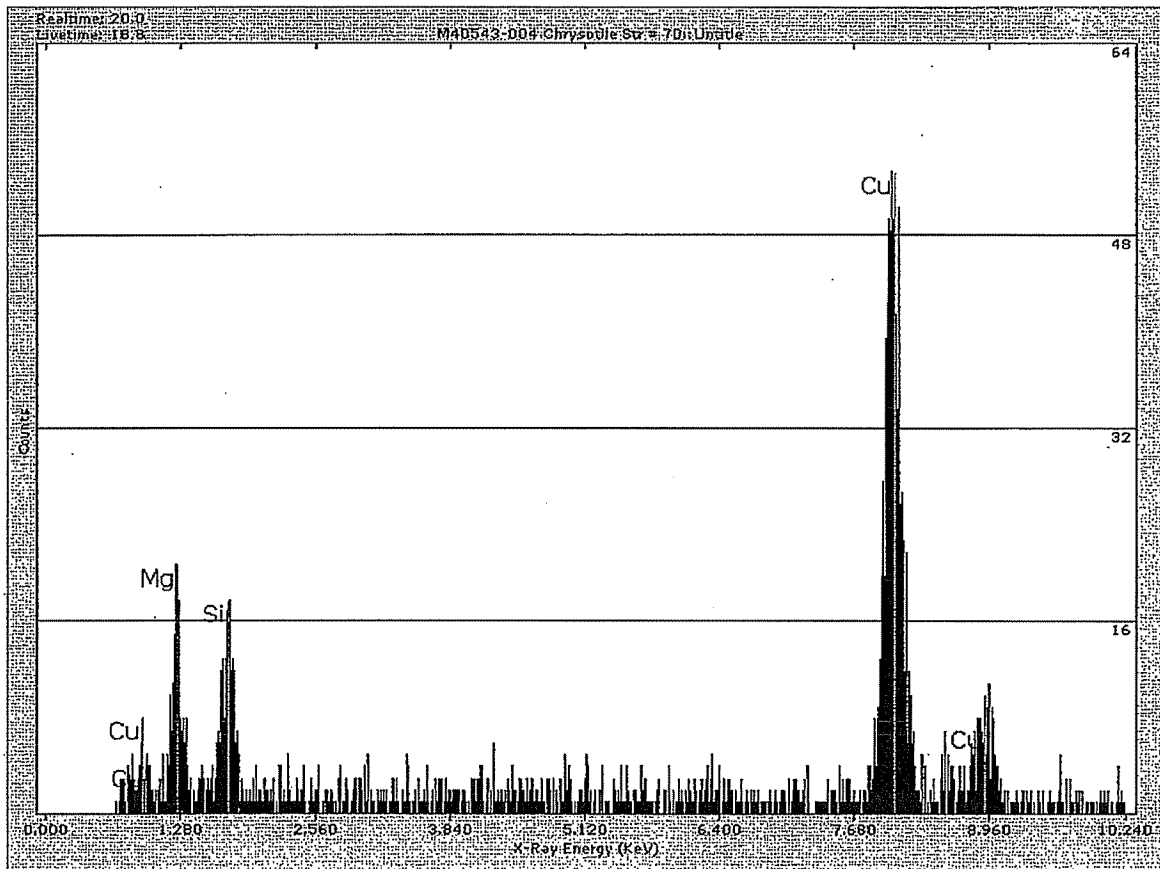


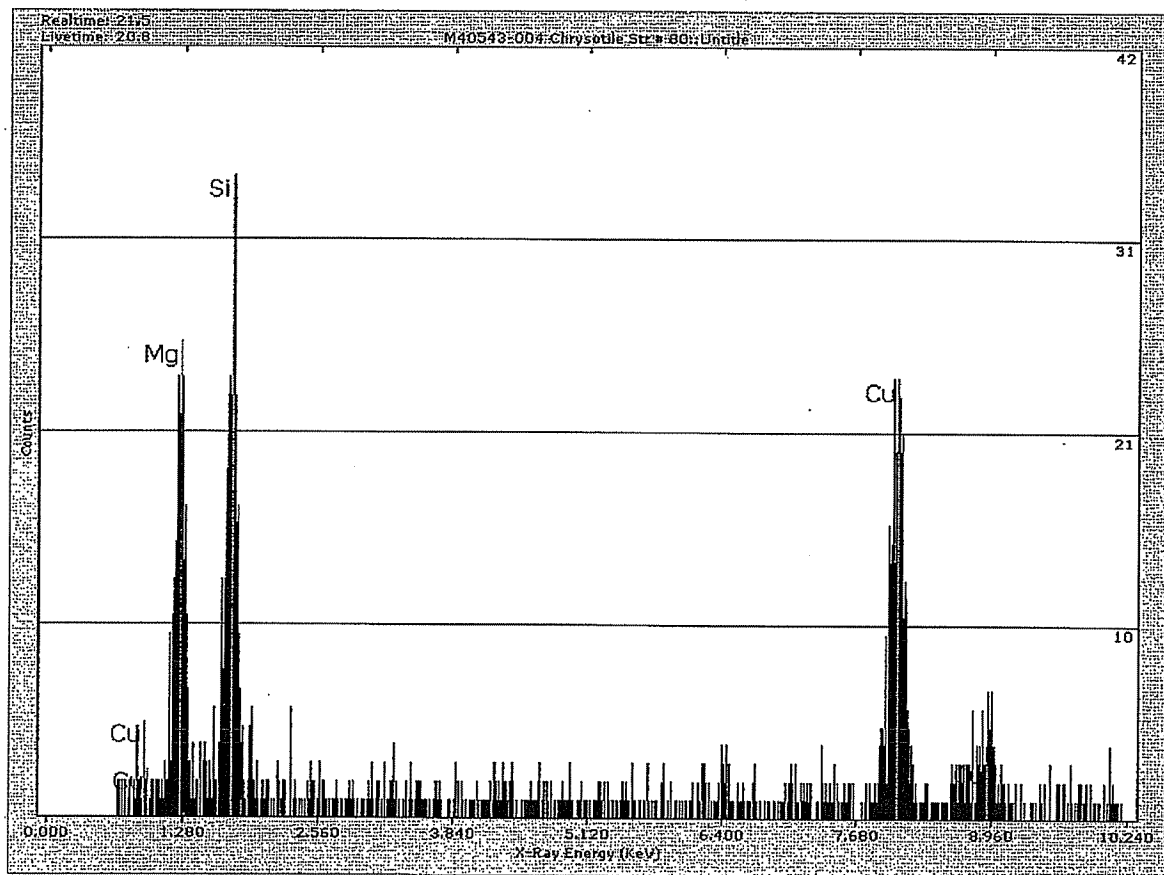


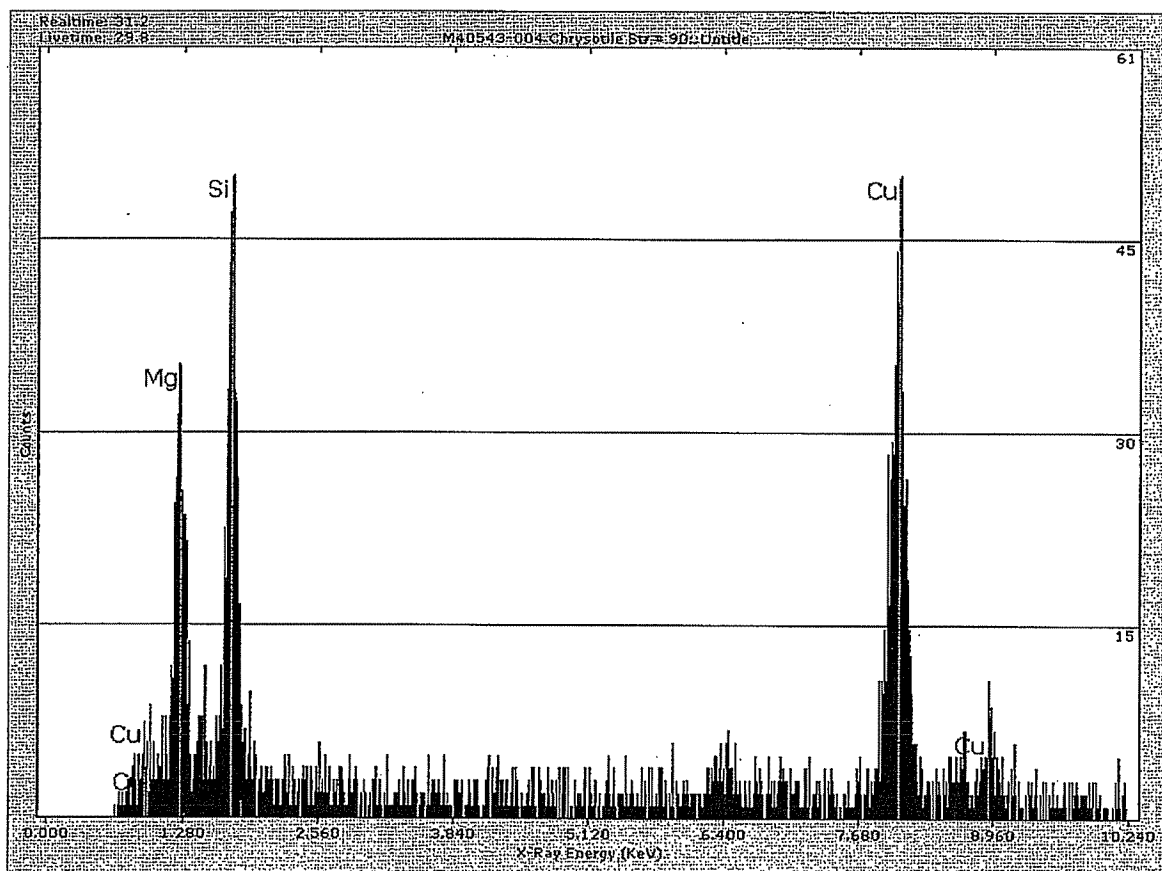


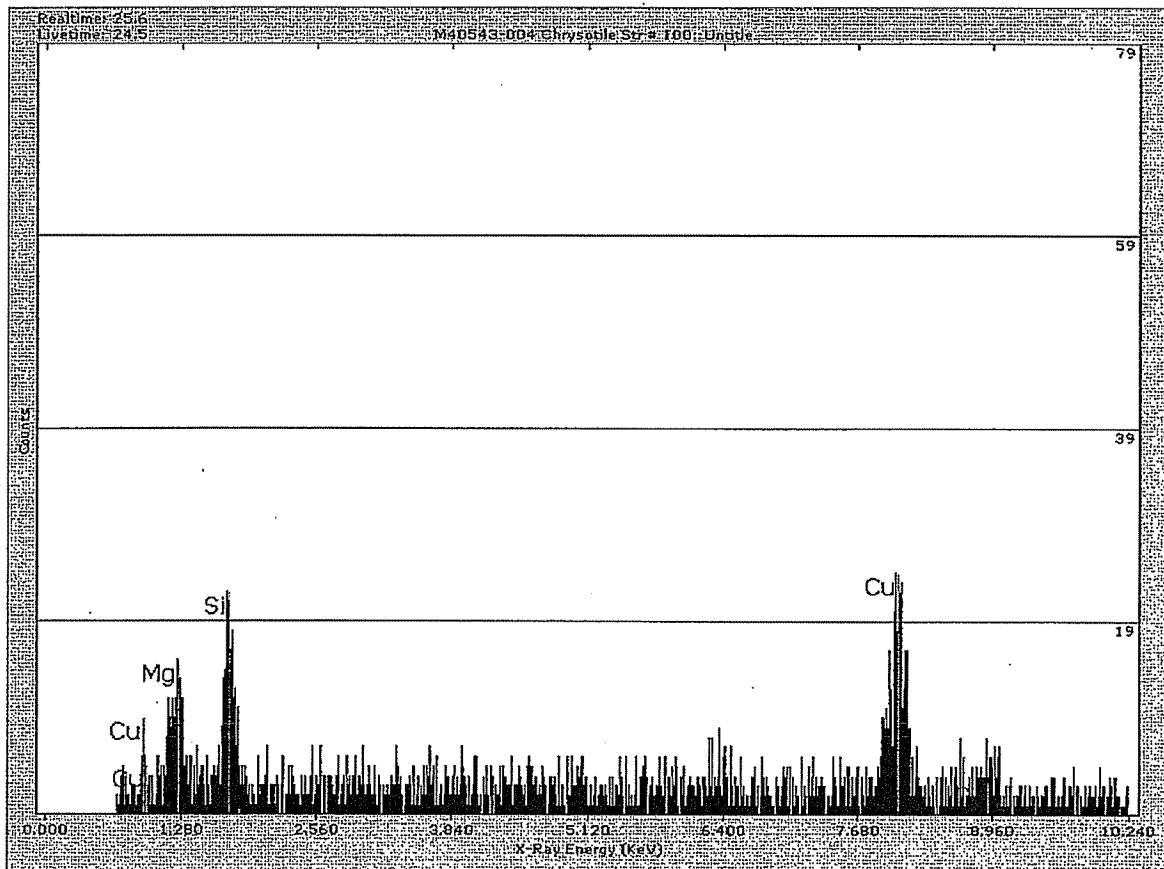




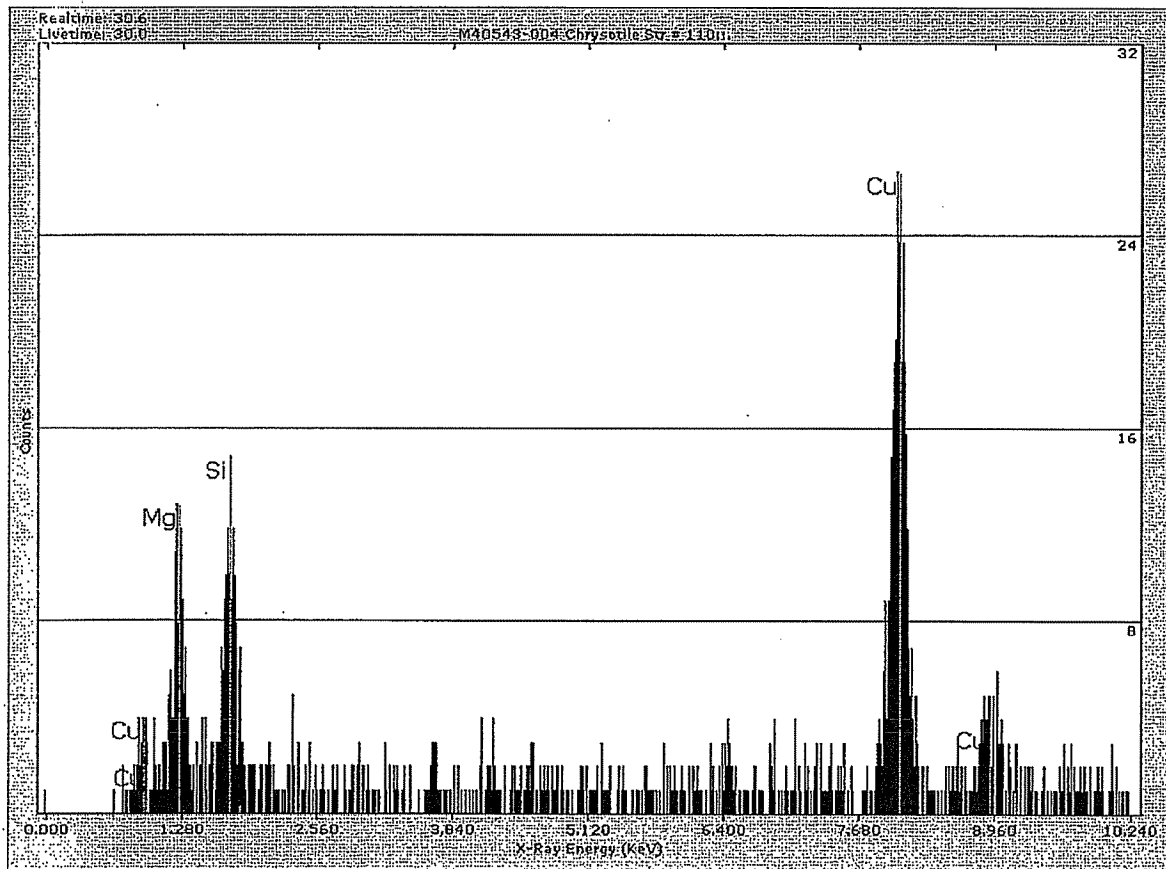


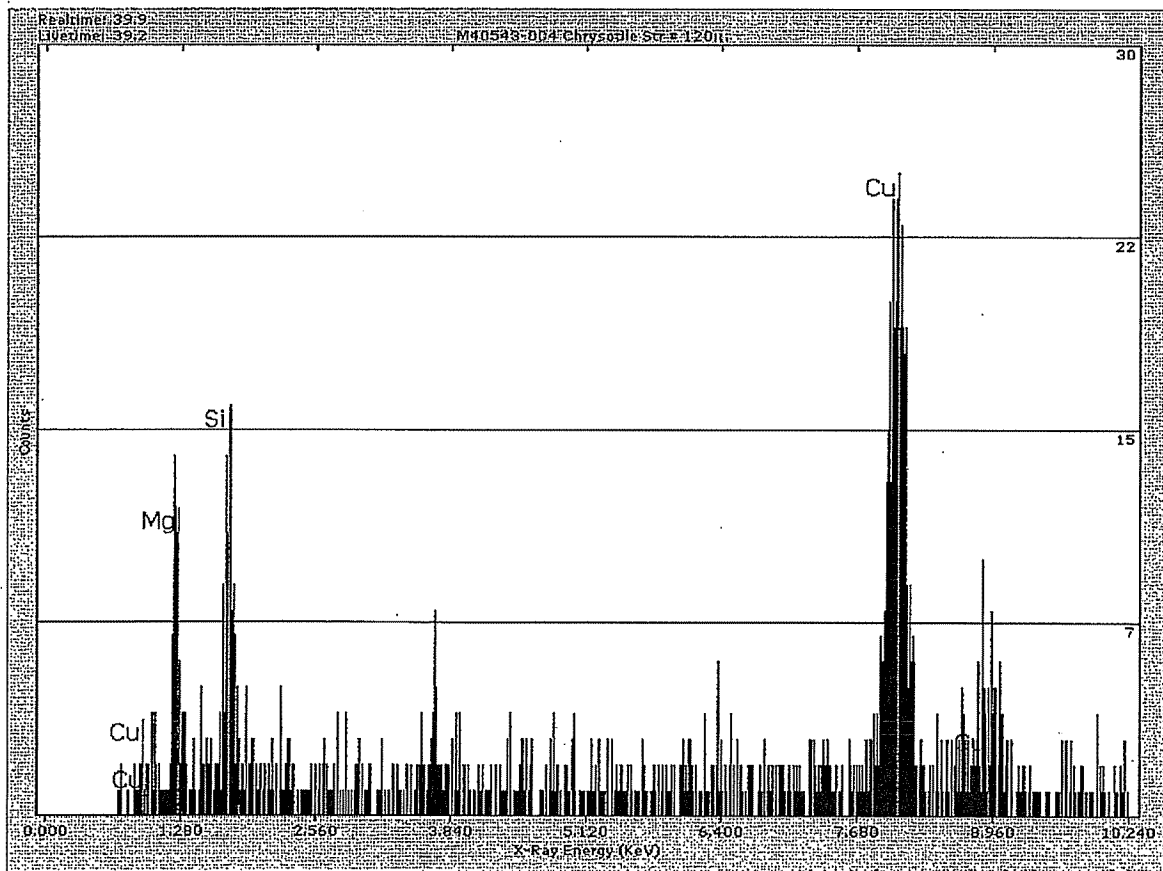












# Canteen

Arkansas State Hospital (ASH)

**TEM DUST ANALYSIS M40543 005****Dies and Hile, LLP**  
**Settled Dust Samples**

Client Sample ID: ASHCanteen 1

Sample Area/ Volume: 100 cm2

Filter Type: MCE 47mm

Pore size: 0.45

Effective Filter Area: 1297

Sample type: Dust

Analysis type: Dust

Grid Acceptance YES 20 %

Date Analyzed: 10/10/2006

Analyst: MAM

Scope Number: 4

Accelerating Voltage: 100 KV

Indicated Mag: 25 KX

Screen Mag: 20 KX

Grid\_box: 7184, 7169, 7181, 7185

Str &lt; 5um: 2

Str ≥ 5um: 1

Total Str: 3

Number of grids: 2

#1: 102

#3: 102

Average Grid Size: 0.010404

Number of openings: 10

#2: 102

#4: 102

Total Area Analyzed: 0.104

Volume Filtered 8 ml

Dilution Factor 12.5

Str / sq ft 4.343E+06

Str / cm2 4.675E+03

Str / sq ft ≥ 5 1.448E+06

Str / cm2 ≥ 5 1.558E+03

Str#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
	B10-B5		NSD						<input type="checkbox"/>	<input type="checkbox"/>
	C8		NSD						<input type="checkbox"/>	<input type="checkbox"/>
	G7		NSD						<input type="checkbox"/>	<input type="checkbox"/>
	H3		NSD						<input type="checkbox"/>	<input type="checkbox"/>
	E2		NSD						<input type="checkbox"/>	<input type="checkbox"/>
	B9-A8		NSD						<input type="checkbox"/>	<input type="checkbox"/>
	B5		NSD						<input type="checkbox"/>	<input type="checkbox"/>
	D1		NSD						<input type="checkbox"/>	<input type="checkbox"/>
	A1		NSD						<input type="checkbox"/>	<input type="checkbox"/>
1	15	C	F	6.00	0.10	X	X		<input checked="" type="checkbox"/>	<input type="checkbox"/>
2		C	F	0.60	0.10	X	X		<input checked="" type="checkbox"/>	<input type="checkbox"/>
3		C	F	0.90	0.05	X	X		<input checked="" type="checkbox"/>	<input type="checkbox"/>

C - Chrysotile

TR - Tremolite

CR - Crocidolite

AN - Anthophyllite

AC - Actinolite

NSD - No Structure Detected

F - Fiber

B - Bundle

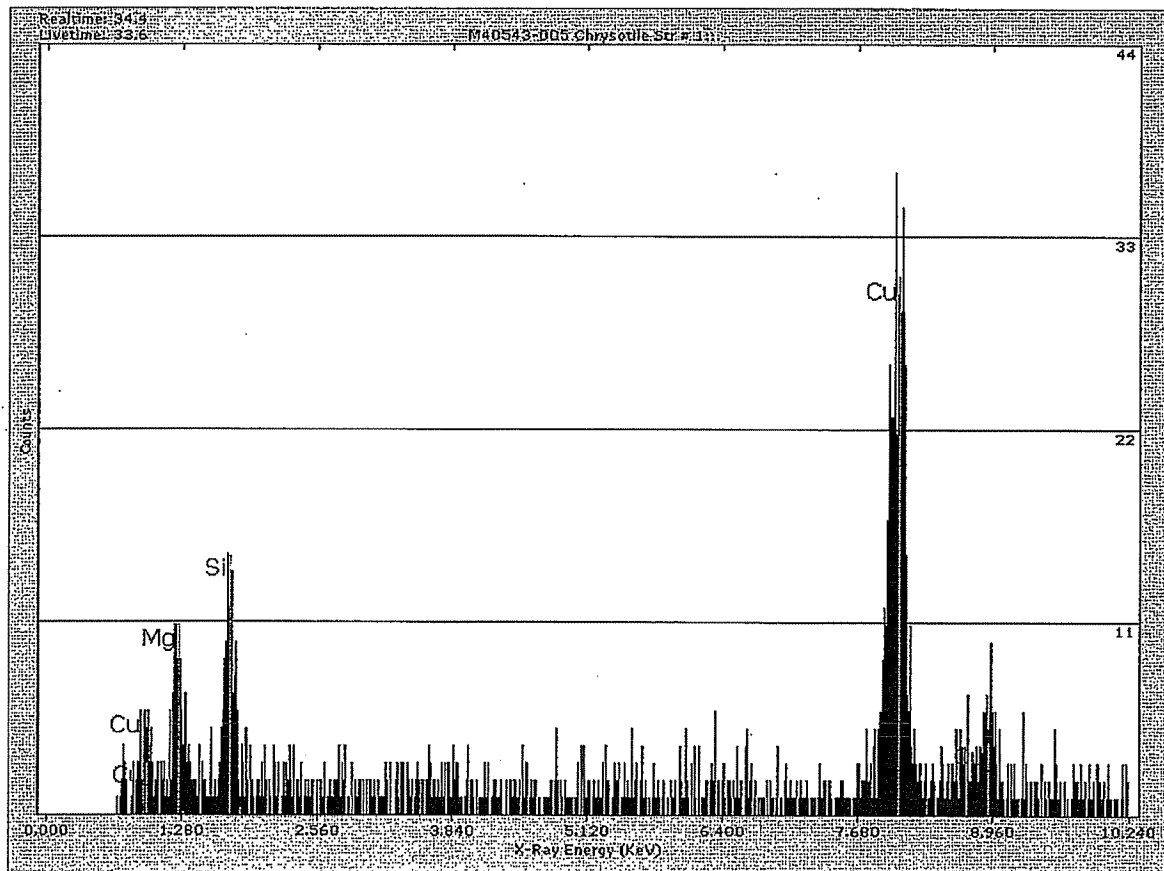
M - Matrix

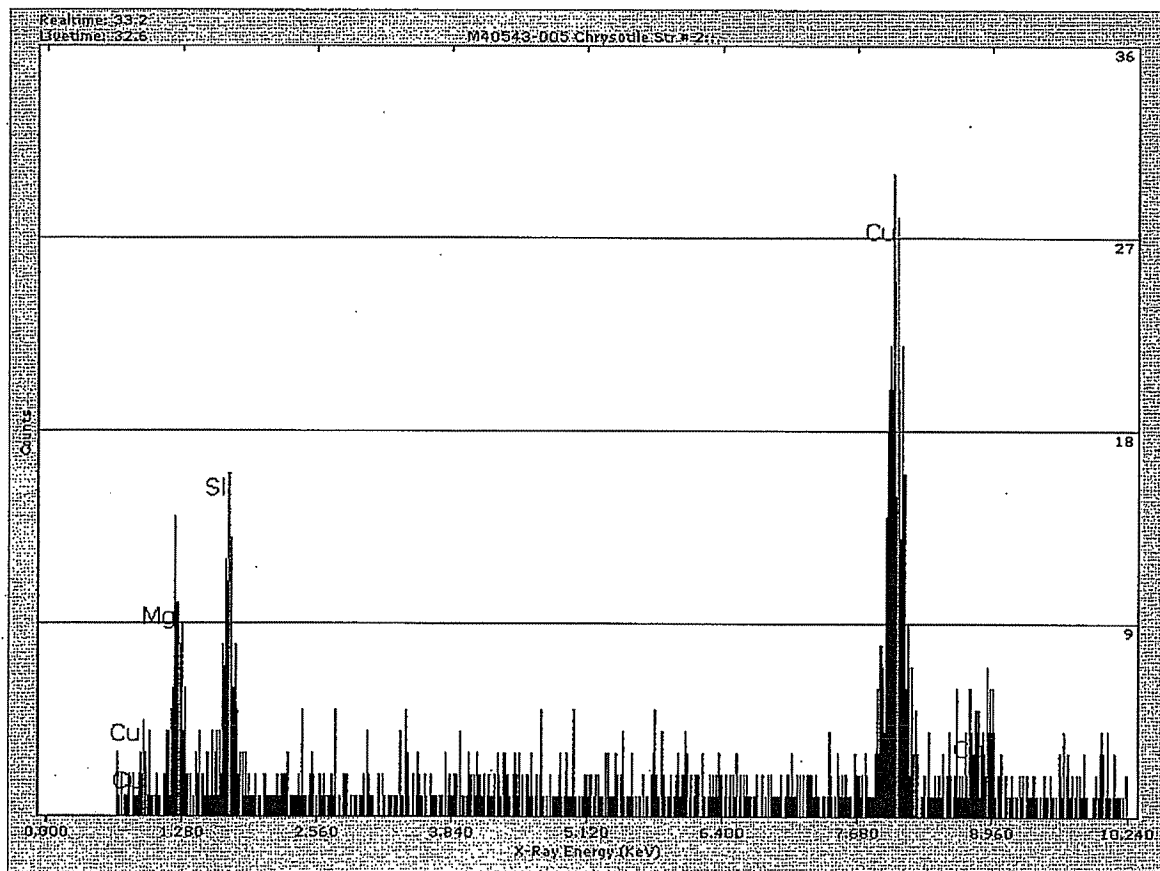
C - Cluster

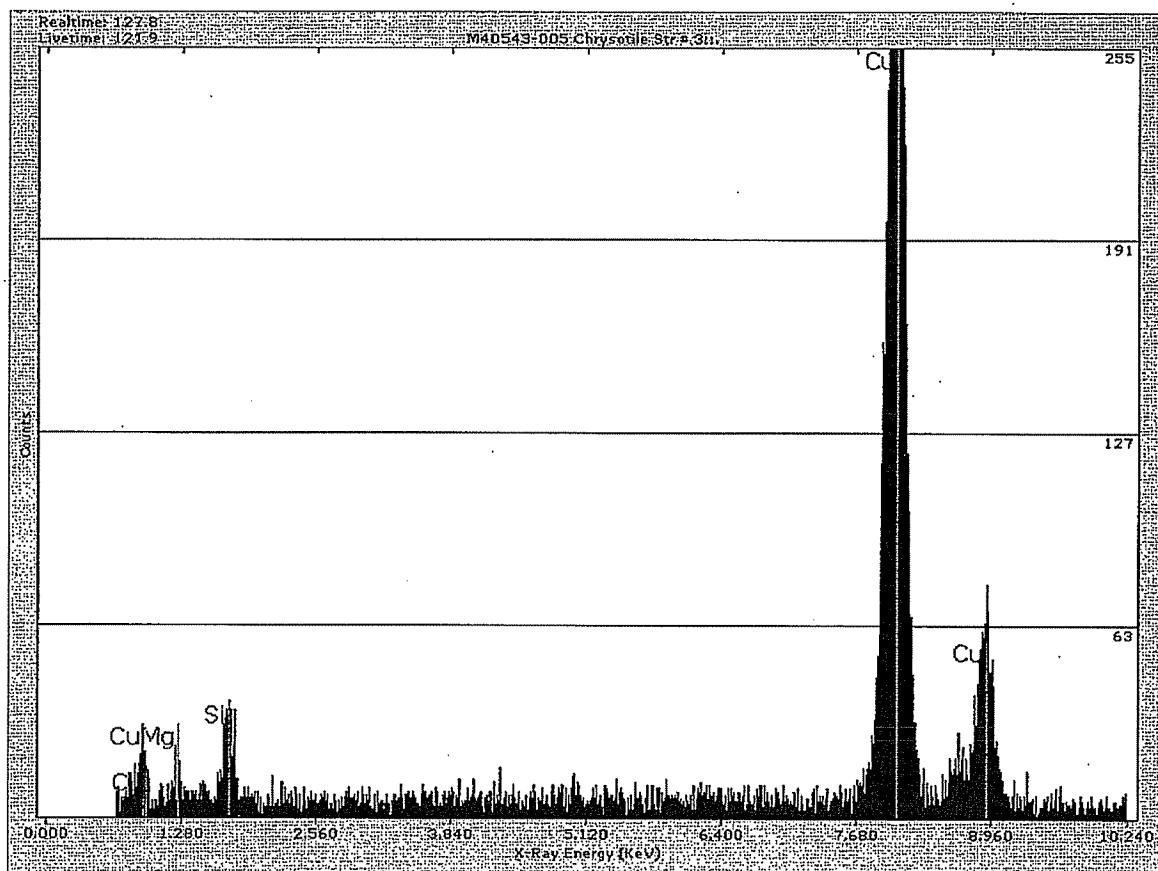
Sr#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
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M40543 005

C - Chrysotile	NSD - No Structure Detected
TR - Tremolite	F - Fiber
CR - Crocidolite	B - Bundle
AN - Anthophyllite	M - Matrix
AC - Actinolite	C - Cluster









**Admissions Building**  
Arkansas State Hospital (ASH)

**TEM DUST ANALYSIS M40543 006****Dies and Hile, LLP**  
**Settled Dust Samples**

Client Sample ID: ASHAdmissions 1

Sample Area/ Volume: 100 cm<sup>2</sup>

Filter Type: MCE 47mm

Pore size: 0.45

Effective Filter Area: 1297

Sample type: Dust

Analysis type: Dust

Grid Acceptance YES 5 %

Date Analyzed: 10/17/2006

Analyst: MDMOUNT

Scope Number: 2

Accelerating Voltage: 100 KV

Indicated Mag: 25 KX

Screen Mag: 20 KX

Grid\_box: 7192

Str < 5um:	41	Number of grids:	2	#1: 105	#3: 104	Average Grid Size:	0.010920
Str ≥ 5um:	7	Number of openings:	10	#2: 103	#4: 106	Total Area Analyzed:	0.109
Total Str:	48						
Volume Filtered	0.2 ml	Str / sq ft	2.648E+09	Str / cm <sup>2</sup>	2.851E+06		
Dilution Factor	500	Str / sq ft ≥ 5	3.862E+08	Str / cm <sup>2</sup> ≥ 5	4.157E+05		

Str#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
1	A10-D9	C	M-F	2.20	0.10	X	M25800	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2		C	B	1.20	0.03	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3		C	M-B	1.80	0.20	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	H8	C	M-F	5.50	0.03	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5		C	B	1.20	0.03	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6		C	M-B	6.00	0.40	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7		C	F	5.50	0.08	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	H5	C	F	0.60	0.02	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9		C	F	0.80	0.03	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10		C	M-F	1.80	0.02	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11		C	M-F	1.70	0.03	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12		C	M-F	1.00	0.02	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	E2	C	F	1.80	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

C - Chrysotile  
 TR - Tremolite  
 CR - Crocidolite  
 AN - Anthophyllite  
 AC - Actinolite  
 NSD - No Structure Detected  
 F - Fiber  
 B - Bundle  
 M - Matrix  
 C - Cluster

Str#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
14		C	F	1.20	0.03	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15		C	F	1.20	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16		C	M-F	1.00	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17	A9-D4	C	F	1.00	0.03	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18		C	F	1.70	0.03	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19		C	F	1.80	0.03	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20		C	C-F	1.40	0.03	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21		C	B	1.50	0.03	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22	D7	C	B	8.20	0.20	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23		C	C-F	14.00	0.15	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24		C	M-B	3.00	0.20	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25		C	B	1.20	0.15	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26		C	M-F	0.80	0.03	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
27		C	B	0.80	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
28		C	F	2.00	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
29	G7	C	F	2.40	0.03	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30		C	F	1.00	0.03	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
31		C	F	2.40	0.03	X		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
32		C	F	15.00	0.03	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
33		C	B	2.40	0.20	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
34		C	M-F	2.00	0.02	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
35		C	F	7.00	0.03	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

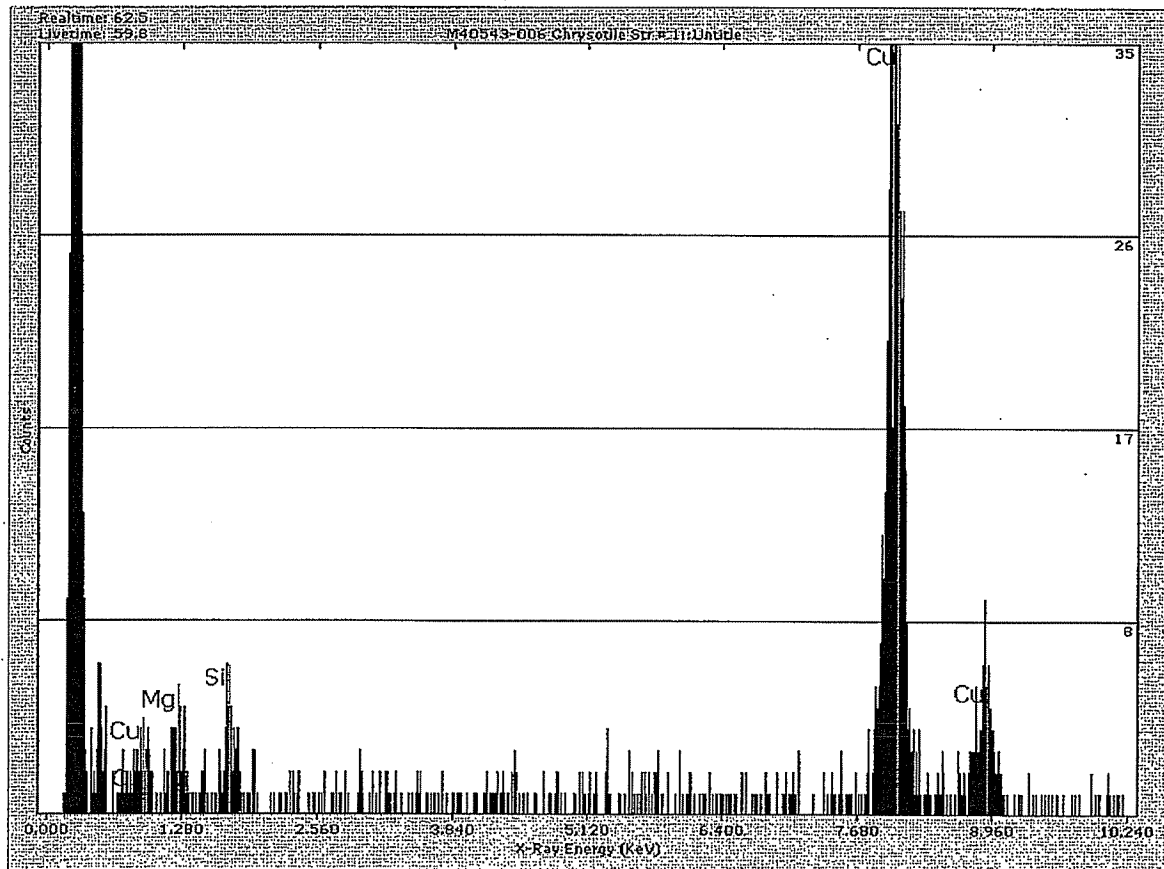
C - Chrysotile      NSD - No Structure Detected  
 TR - Tremolite      F - Fiber  
 CR - Crocidolite      B - Bundle  
 AN - Anthophyllite      M - Matrix  
 AC - Actinolite      C - Cluster

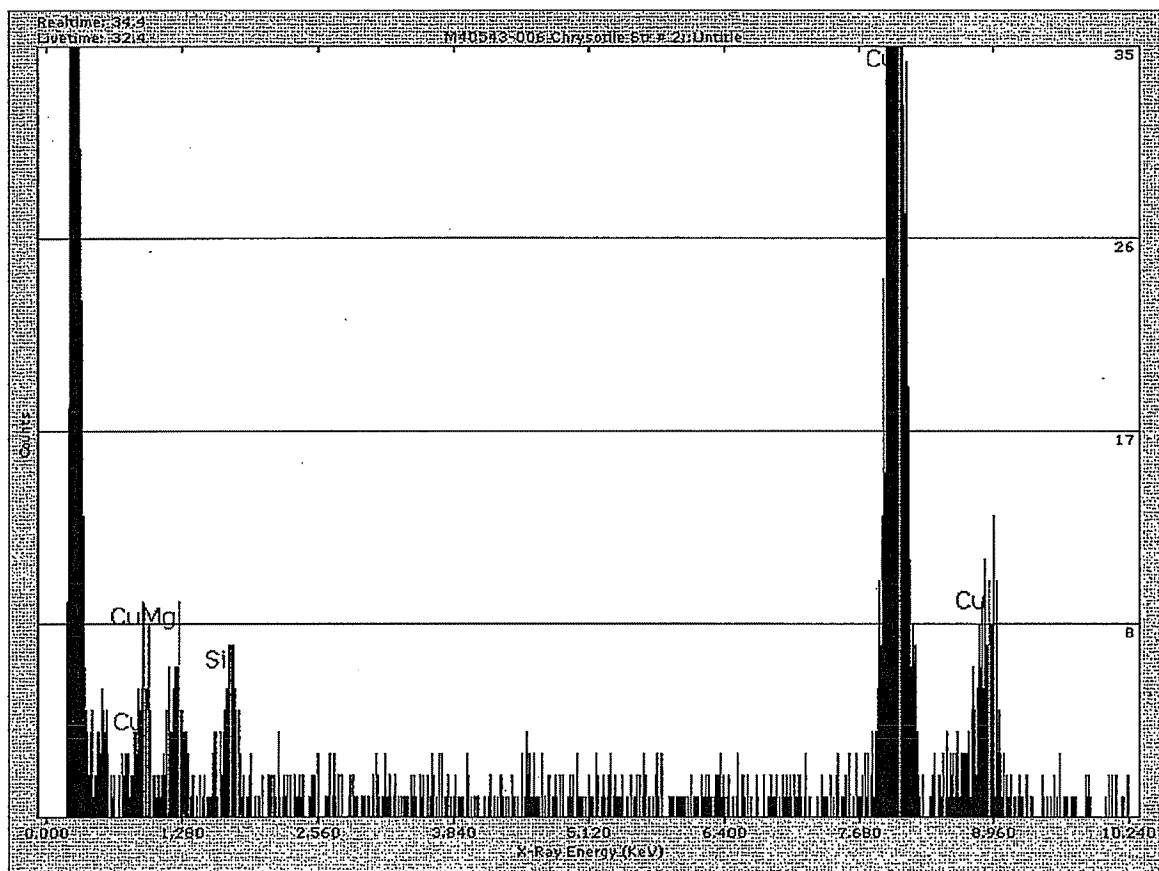
Str#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
36	G4	C	F	1.40	0.05	X			<input type="checkbox"/>	<input type="checkbox"/>
37		C	M-B	3.00	0.20	X			<input type="checkbox"/>	<input type="checkbox"/>
38		C	F	1.70	0.03	X			<input type="checkbox"/>	<input type="checkbox"/>
39		C	M-F	2.40	0.02	X			<input type="checkbox"/>	<input type="checkbox"/>
40		C	C-B	3.80	0.10	X	X		<input checked="" type="checkbox"/>	<input type="checkbox"/>
41		C	M-F	3.60	0.03	X			<input type="checkbox"/>	<input type="checkbox"/>
42		C	M-F	1.00	0.03	X			<input type="checkbox"/>	<input type="checkbox"/>
43	E2	C	F	0.80	0.03	X			<input type="checkbox"/>	<input type="checkbox"/>
44		C	M-F	0.80	0.03	X			<input type="checkbox"/>	<input type="checkbox"/>
45		C	M-F	3.60	0.03	X			<input type="checkbox"/>	<input type="checkbox"/>
46		C	F	1.00	0.03	X			<input type="checkbox"/>	<input type="checkbox"/>
47		C	M-F	1.20	0.03	X			<input type="checkbox"/>	<input type="checkbox"/>
48		C	B	4.00	0.05	X			<input type="checkbox"/>	<input type="checkbox"/>

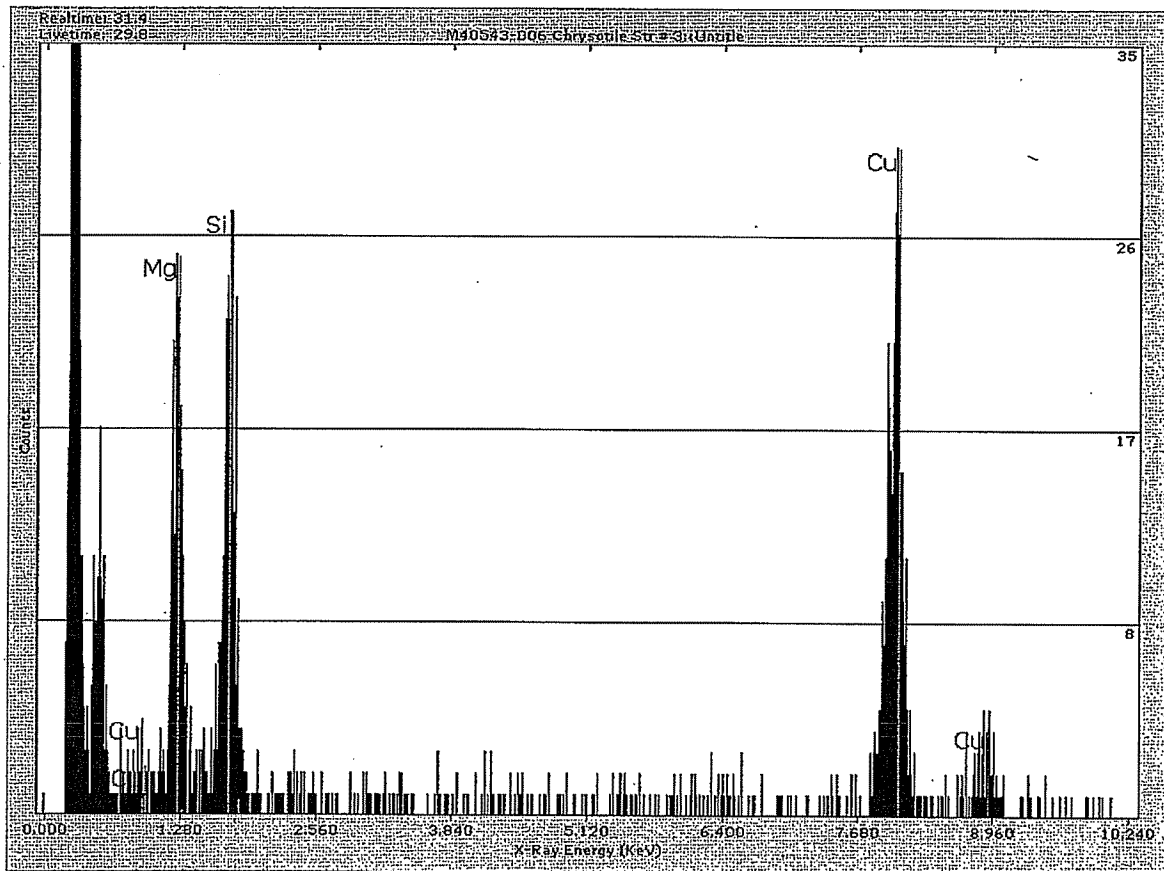
M40543 006

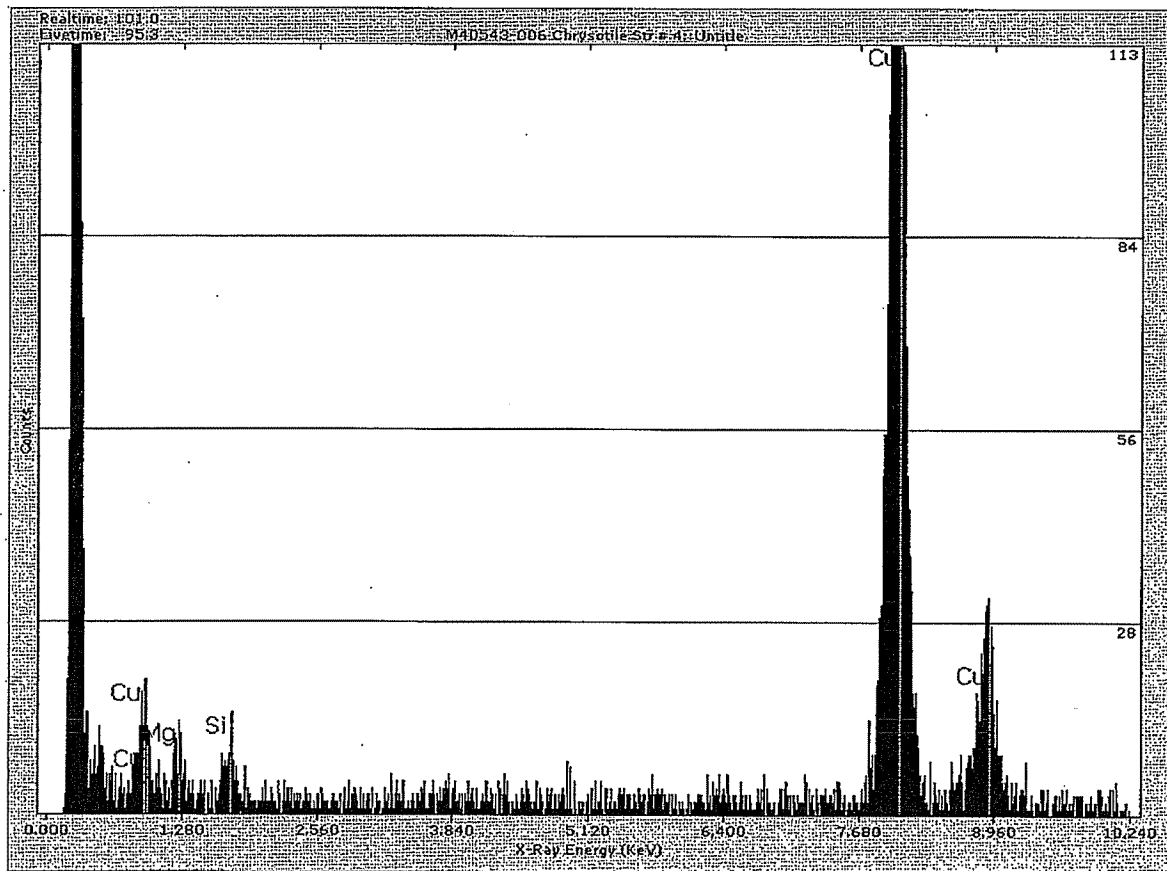
C - Chrysotile  
 TR - Tremolite  
 CR - Crocidolite  
 AN - Anthophyllite  
 AC - Actinolite

NSD - No Structure Detected  
 F - Fiber  
 B - Bundle  
 M - Matrix  
 C - Cluster

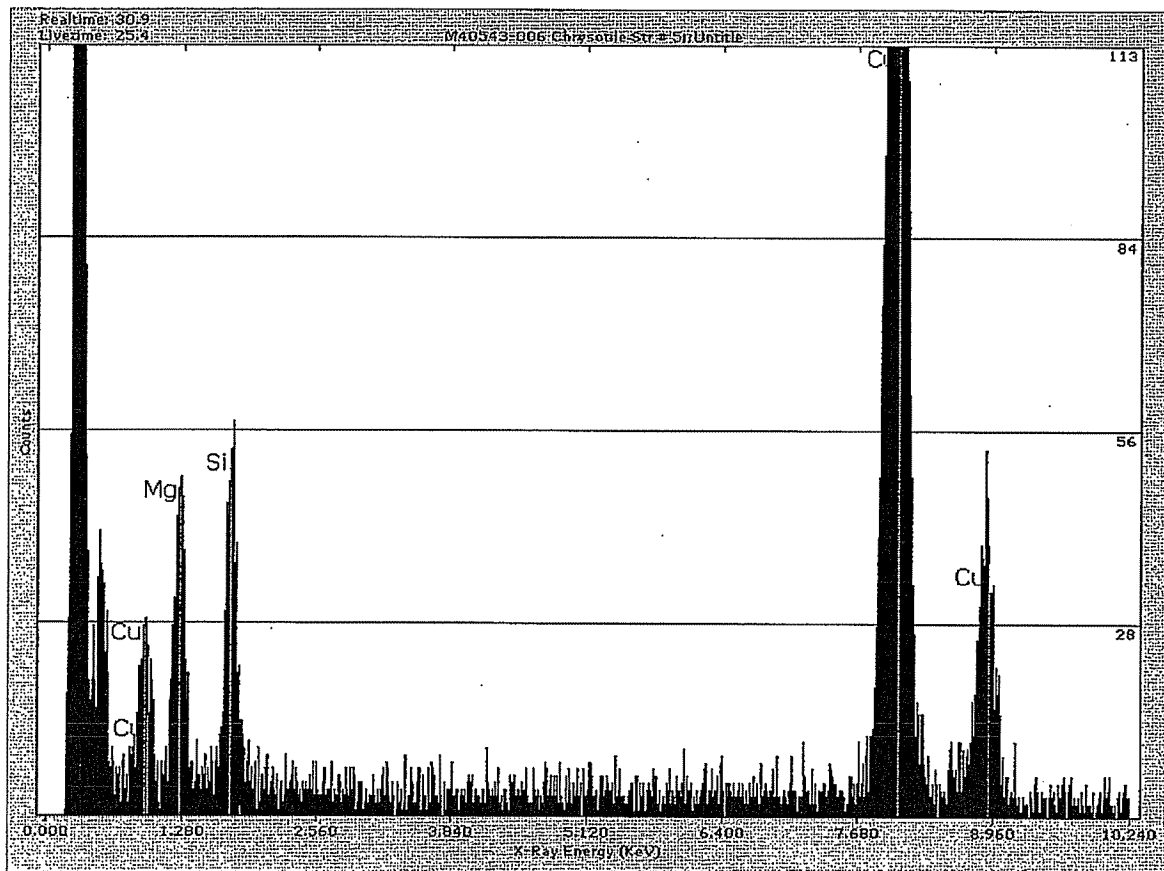


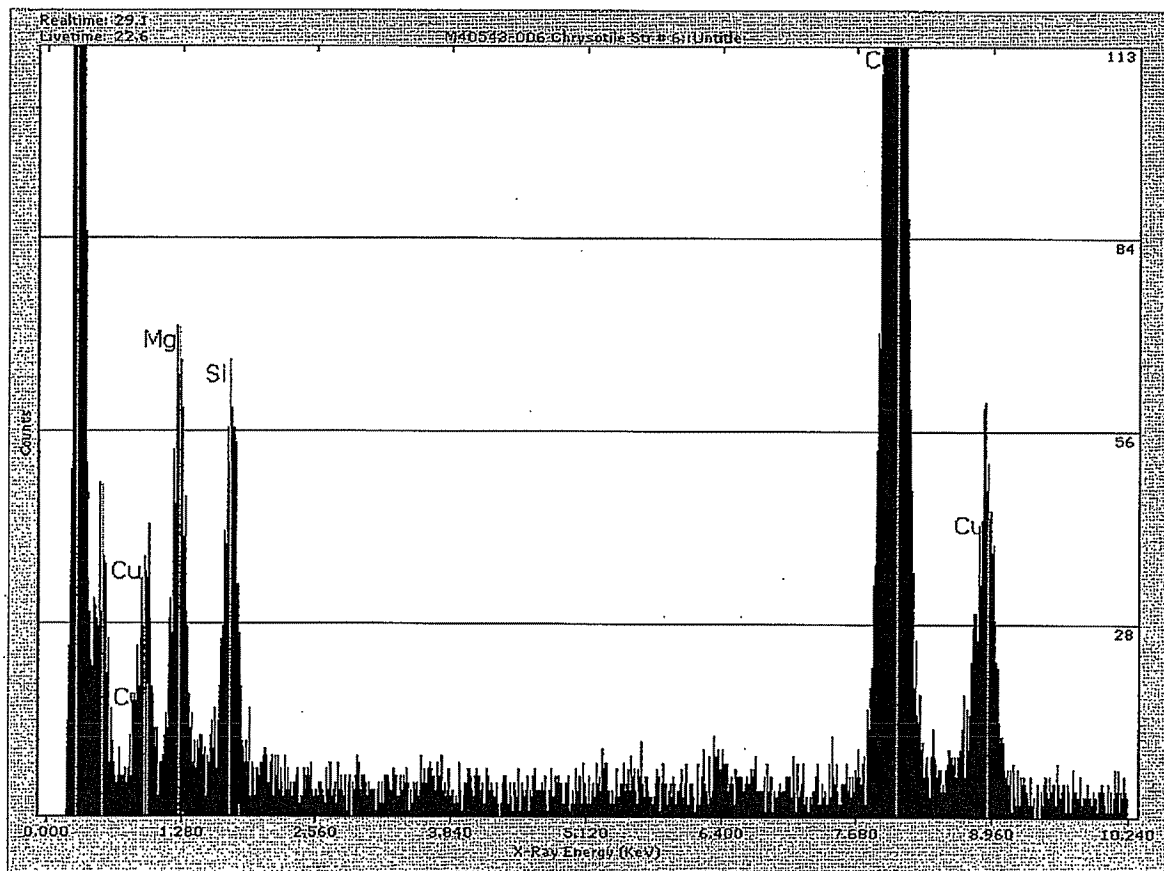


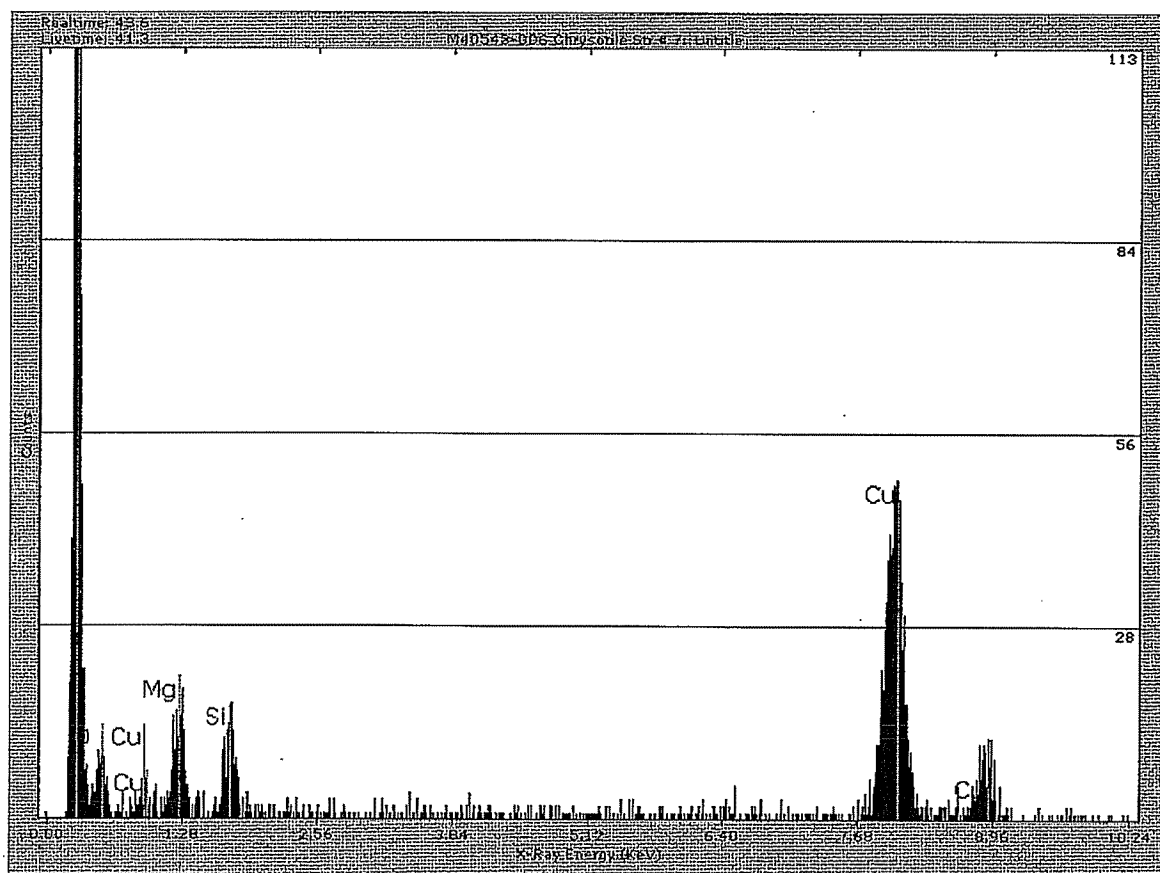


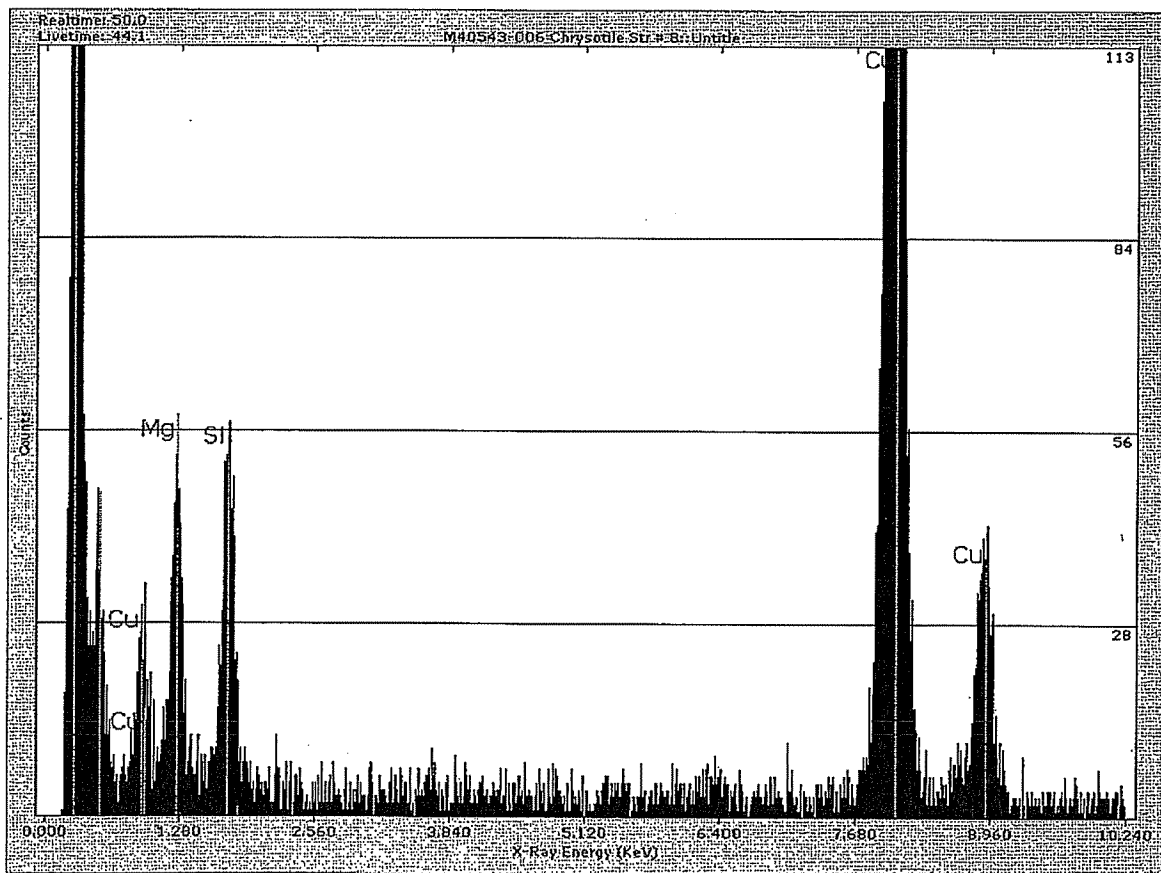


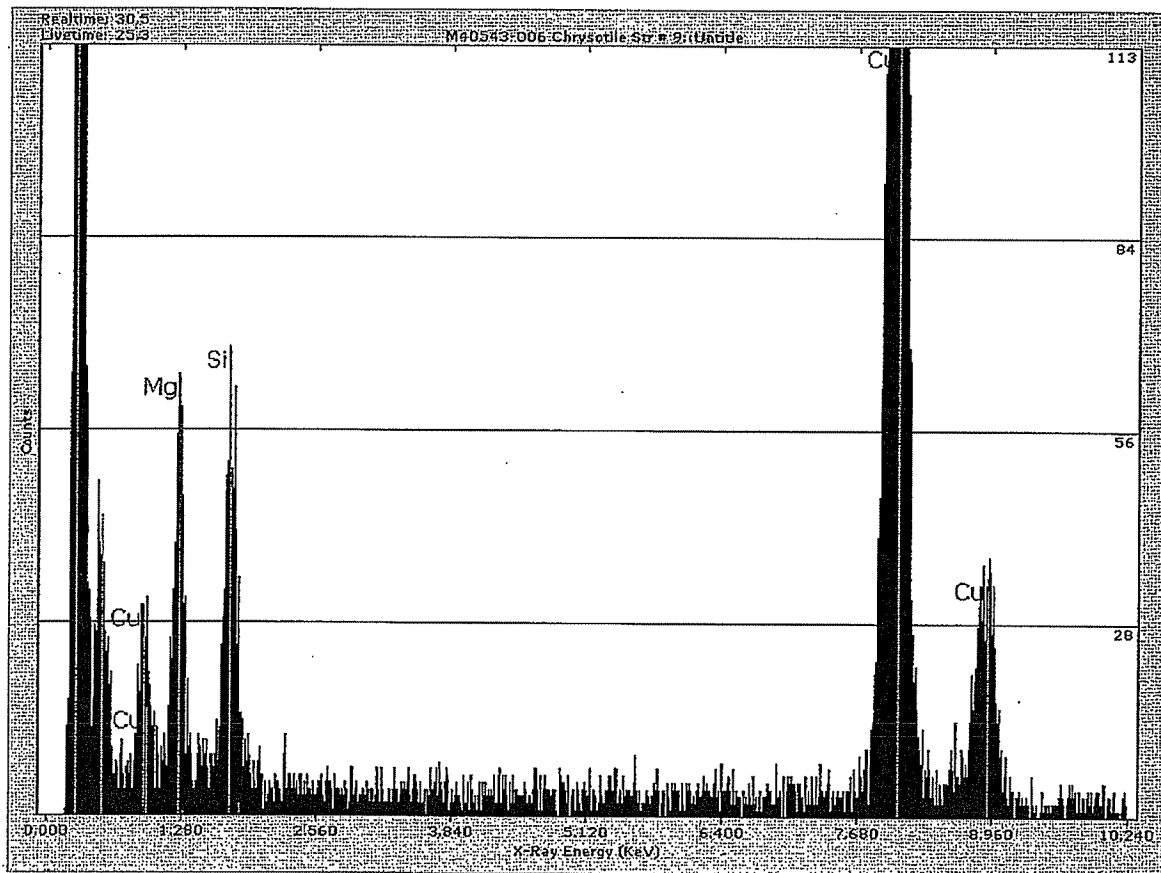


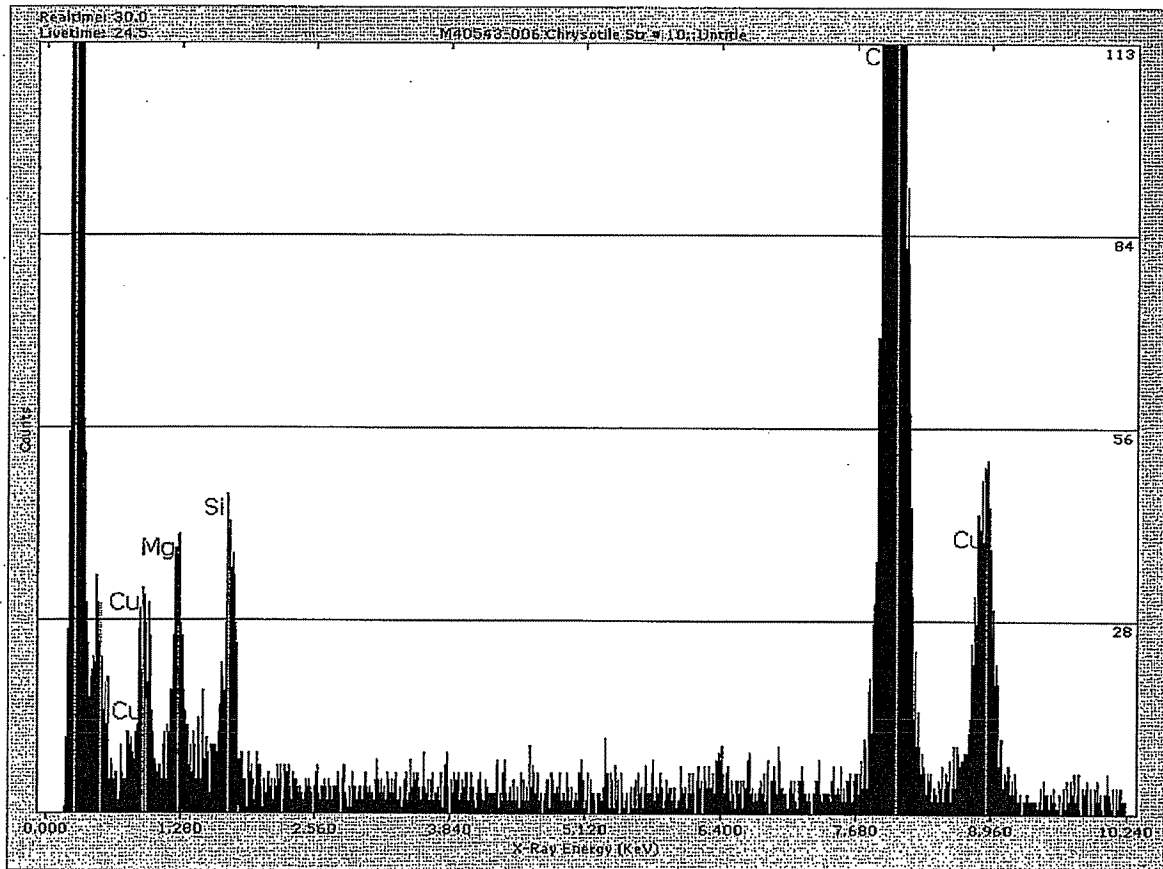


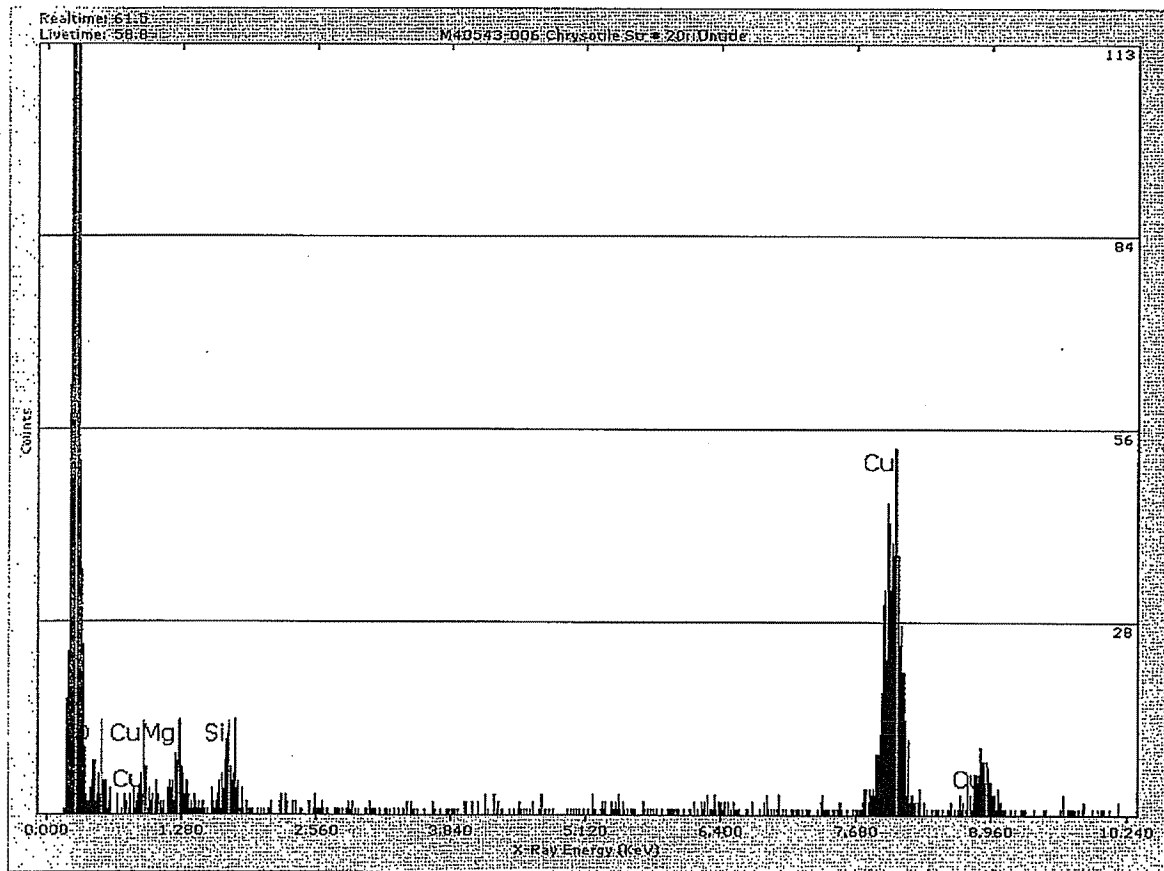


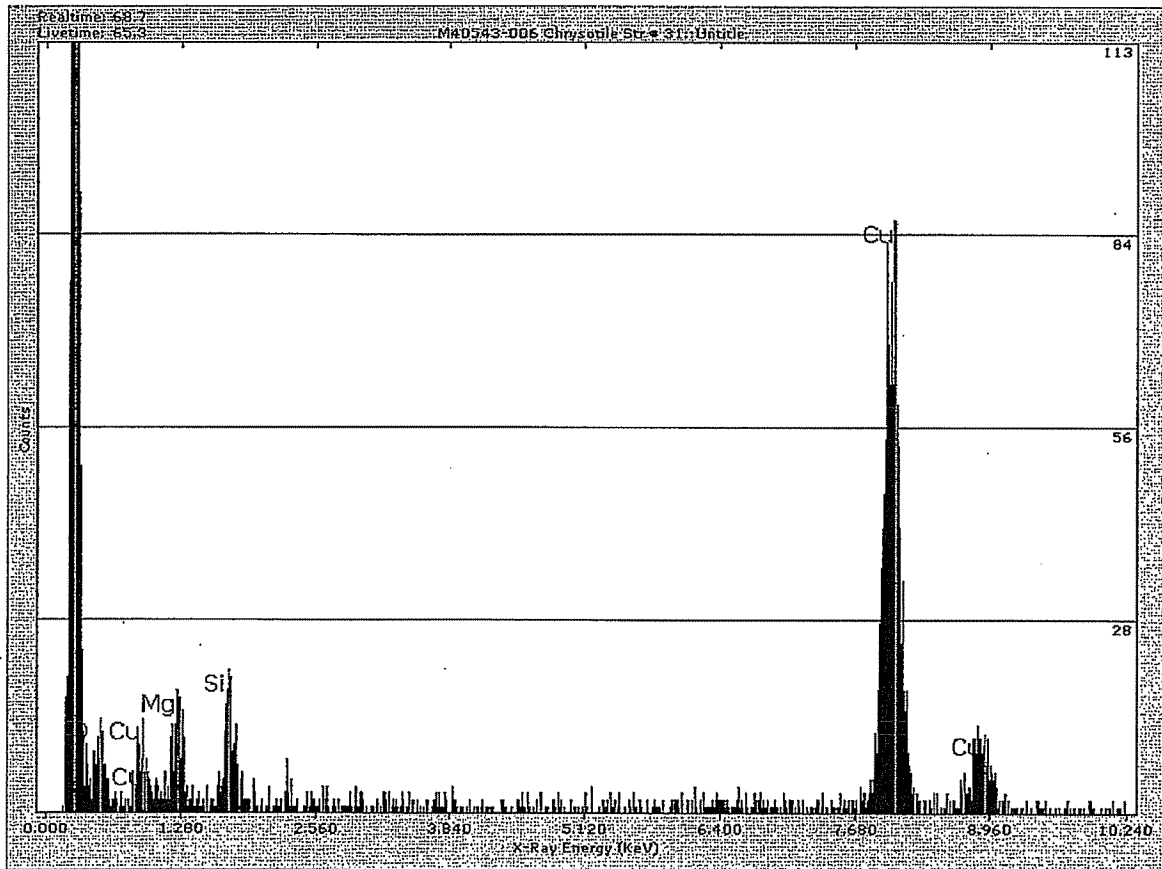




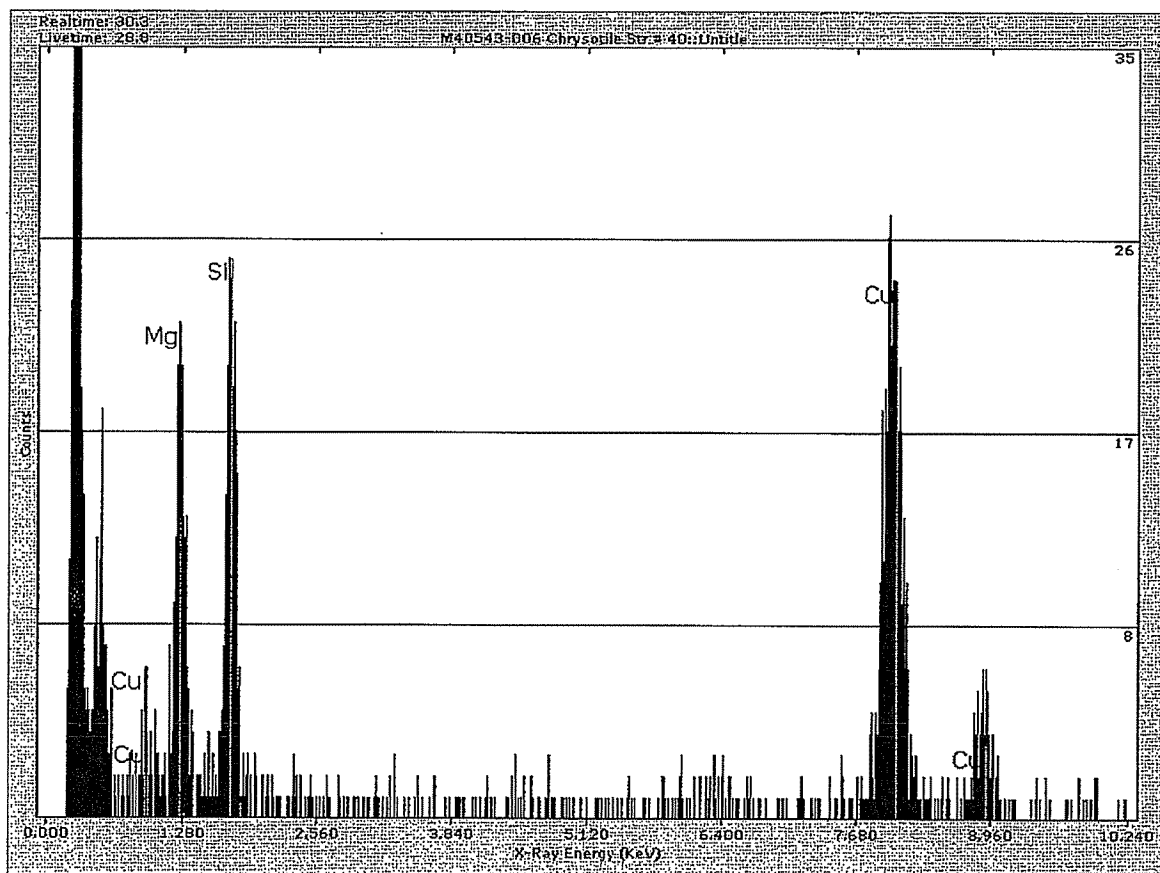












**TEM DUST ANALYSIS M40543 007****Dies and Hile, LLP**  
**Settled Dust Samples**

Client Sample ID: ASHAdmissions 2

Sample Area/ Volume: 100 cm<sup>2</sup>

Filter Type: MCE 47mm

Pore size: 0.45

Effective Filter Area: 1297

Sample type: Dust

Analysis type: Dust

Grid Acceptance YES 20 %

Date Analyzed: 10/7/2006

Analyst: MDMOUNT

Scope Number: 3

Accelerating Voltage: 100 KV

Indicated Mag: 25 KX

Screen Mag: 20 KX

Grid\_box: 7181

Str < 5um: 95  
Str ≥ 5um: 9  
Total Str: 104Number of grids: 2 #1: 104 #3: 104 Average Grid Size: 0.010400  
Number of openings: 7 #2: 100 #4: 100 Total Area Analyzed: 0.073

Volume Filtered 2 ml

Dilution Factor 50

Str / sq ft 8.607E+08

Str / cm<sup>2</sup> 9.264E+05

Str / sq ft ≥ 5 7.448E+07

Str / cm<sup>2</sup> ≥ 5 8.017E+04

Str#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
1	C1-D4	C	F	1.50	0.10	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2		C	F	1.20	0.05	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3		C	F	1.40	0.05	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4		C	M-F	0.60	0.05	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5		C	M-F	2.80	0.10	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6		C	B	1.00	0.10	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7		C	C-F	1.30	0.10	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8		C	B	0.80	0.05	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9		C	B	1.80	0.05	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10		C	F	0.80	0.05	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11		C	F	1.60	0.05	X	X	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12		C	M-F	1.20	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13		C	F	1.20	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

C - Chrysotile

TR - Tremolite

CR - Crocidolite

AN - Anthophyllite

AC - Actinolite

NSD - No Structure Detected

F - Fiber

B - Bundle

M - Matrix

C - Cluster

Str#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
14		C	M-F	1.00	0.05	X			<input type="checkbox"/>	<input type="checkbox"/>
15		C	M-F	1.10	0.05	X			<input type="checkbox"/>	<input type="checkbox"/>
16		C	B	1.00	0.10	X			<input type="checkbox"/>	<input type="checkbox"/>
17	D7	C	F	0.80	0.05	X			<input type="checkbox"/>	<input type="checkbox"/>
18		C	B	2.60	0.10	X			<input type="checkbox"/>	<input type="checkbox"/>
19		C	M-F	1.00	0.05	X			<input type="checkbox"/>	<input type="checkbox"/>
20		C	F	4.10	0.05	X	X		<input checked="" type="checkbox"/>	<input type="checkbox"/>
21		C	B	2.60	0.30	X			<input type="checkbox"/>	<input type="checkbox"/>
22		C	B	1.40	0.10	X			<input type="checkbox"/>	<input type="checkbox"/>
23		C	F	3.80	0.05	X			<input type="checkbox"/>	<input type="checkbox"/>
24		C	F	0.80	0.05	X			<input type="checkbox"/>	<input type="checkbox"/>
25		C	M-B	3.20	0.10	X			<input type="checkbox"/>	<input type="checkbox"/>
26		C	M-B	2.30	0.10	X			<input type="checkbox"/>	<input type="checkbox"/>
27		C	M-B	0.80	0.10	X			<input type="checkbox"/>	<input type="checkbox"/>
28		C	F	2.00	0.05	X			<input type="checkbox"/>	<input type="checkbox"/>
30		C	F	3.80	0.05	X	X		<input checked="" type="checkbox"/>	<input type="checkbox"/>
31		C	B	2.60	0.10	X			<input type="checkbox"/>	<input type="checkbox"/>
32	C2-C6	C	C-F	1.20	0.03	X			<input type="checkbox"/>	<input type="checkbox"/>
33		C	M-F	1.50	0.05	X			<input type="checkbox"/>	<input type="checkbox"/>
34		C	F	1.20	0.05	X			<input type="checkbox"/>	<input type="checkbox"/>
35		C	C-F	2.40	0.05	X			<input type="checkbox"/>	<input type="checkbox"/>
36		C	F	1.00	0.03	X			<input type="checkbox"/>	<input type="checkbox"/>

C - Chrysotile      NSD - No Structure Detected  
 TR - Tremolite      F - Fiber  
 CR - Crocidolite    B - Bundle  
 AN - Anthophyllite   M - Matrix  
 AC - Actinolite      C - Cluster

Str#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
37		C	F	1.50	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
38		C	B	3.50	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
39		C	M-F	1.20	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
40		C	B	3.40	0.10	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
41		C	B	3.20	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
42		C	F	1.20	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
43		C	F	3.80	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
44		C	NSD	1.20	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
45		C	F	1.40	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
46		C	F	1.60	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
47		C	F	1.60	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
48	G6	C	B	6.60	0.20	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
49		C	F	4.00	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
50		C	F	1.50	0.05	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
51		C	M-F	4.80	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
52		C	F	1.20	0.03	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
53		C	B	2.00	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
54		C	F	3.00	0.03	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
55		C	F	1.00	0.03	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
56		C	C-B	3.20	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
57		C	B	1.80	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
58		C	F	3.60	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

C - Chrysotile      NSD - No Structure Detected  
 TR - Tremolite      F - Fiber  
 CR - Crocidolite      B - Bundle  
 AN - Anthophyllite      M - Matrix  
 AC - Actinolite      C - Cluster